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# DIRECTORY

## FOREST SERVICE

APRIL, 1926

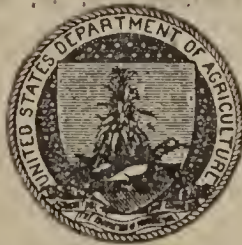
This directory is issued semiannually and is for the exclusive use of members of the Forest Service and cooperating bureaus.

Unless otherwise indicated, the officers in charge of the individual Forests are forest supervisors, and those in charge of the individual ranger districts are forest rangers.

Titles are omitted unless needed to show the relation of individuals to the organization or to indicate the specific duties to which they are assigned.

The express address of the ranger district is the same as the headquarters unless otherwise indicated.

WU=Western Union; P=Postal; C=Continental; PT & T=Pacific Telephone & Telegraph; SC, USA=Signal Corps, United States Army.



U. S. DEPARTMENT OF AGRICULTURE

## OFFICE OF THE FORESTER

---

WILLIAM B. GREELEY, Forester

EDWARD A. SHERMAN, Associate Forester

---

### FINANCE AND ACCOUNTS

H. I. LOVING, chief; O. A. Zimmerli, general assistant.

ACCOUNTING :

General.—J. H. Kerrick; B. B. Blackley.

Roads.—O. A. Zimmerli.

Acquisition.—J. E. Malcolm.

COST KEEPING.—L. T. Mahurin.

CLAIMS.—O. A. Zimmerli.

TRANSPORTATION.—M. B. Baldenburg.

AUDIT.—W. H. Shir-Cliff.

APPOINTMENTS.—Blanche A. Judson; J. E. Malcolm.

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## OPERATION

ROY HEADLEY, assistant forester; Joseph C. Kircher, inspector; G. G. Anderson, administrative assistant; Henry Wold.

MAINTENANCE.—G. M. Randal.

SUPPLY DEPOT, ODGEN, UTAH.—Frank Haynie, property assistant and purchasing agent.

## FOREST MANAGEMENT

E. E. CARTER, assistant forester; Harry Irion, administrative assistant; J. A. Fitzwater, forest inspector.

## GRAZING

WILL C. BARNES, assistant forester; C. E. Rachford and Robert R. Hill, inspectors of grazing; Marguerite K. Schoder, clerk.

## LANDS

L. F. KNEIPP, assistant forester; C. H. Squire, assistant; D. F. McGowan, inspector of lands.

## RESEARCH

EARLE H. CLAPP, assistant forester; ———, assistant chief of Branch; Harry Irion, administrative assistant; C. F. Hunn, editor.

DENDROLOGY.—George B. Sudworth, dendrologist.

## FOREST PRODUCTS

H. S. Betts, W. D. Brush, R. K. Helphenstine, jr., John B. Cuno.

## ECONOMIC INVESTIGATIONS

———, in charge; W. N. Sparhawk, R. V. Reynolds, A. H. Pierson, C. W. Boyce.

FOREST TAXATION INQUIRY.—Marsh Hall, New Haven, Conn.; Fred R. Fairchild, H. H. Chapman, R. Clifford Hall, L. S. Murphy.

## OFFICE OF FOREST EXPERIMENT STATIONS

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FOREST MEASUREMENTS.—Donald Bruce, L. H. Reineke.

LIBRARY.—H. E. Stockbridge.

COMPILATION.—E. B. Leech.

STATISTICS.—Alice M. Meynes.

FOREST INSECT INVESTIGATIONS (Bureau of Entomology).—F. C. Craighead, in charge, Washington, D. C.; T. E. Snyder and A. C. Bov-ing, entomologists; William Middleton, assistant entomologist.

FOREST PATHOLOGY (Bureau of Plant Industry).—Haven Metcalf, in charge, Washington, D. C.; Carl Hartley, George G. Hedgecock, G. F. Gravatt, pathologists.



### Forest Experiment Stations

*Appalachian*.—E. H. Frothingham, director, Asheville, N. C.; E. F. McCarthy, silviculturist; C. F. Korstian, associate silviculturist; F. W. Haasis, assistant silviculturist; R. A. St. George, entomologist (Bureau of Entomology); ———, pathologist (Bureau of Plant Industry); Josephine Laxton, clerk.

*Cloquet* (University of Minnesota in cooperation with the Lake States Forest Experiment Station).—Raphael Zon, director, St. Paul, Minn.; T. Shantz Hansen, assistant.

*Rocky Mountain*.—C. G. Bates, silviculturist, Federal Building, Colorado Springs, Colo.; J. Roeser, jr., associate silviculturist; Clara E. Skamser, clerk. Erle L. Hardy, meteorologist (Weather Bureau), Wagon Wheel Gap, Colo.

*Lake States* (in cooperation with the University of Minnesota).—Raphael Zon, director, University Farm, St. Paul, Minn.; Joseph Kittredge, jr., and J. A. Mitchell, silviculturists; R. M. Brown, assistant silviculturist; A. E. Wackerman, junior forester; S. A. Graham, entomologist (Bureau of Entomology); Mary A. Norton, clerk.

*Pacific Northwest*.—Thornton T. Munger, director, Lewis Building, Portland, Oreg.; R. H. Westveld, Leo A. Isaac, and R. E. McArdle, junior foresters; A. G. Simson, scientific aid; June H. Wertz, clerk.

*Northeastern* (in cooperation with the Massachusetts Agricultural College, Amherst, Mass.).—S. T. Dana, director; C. E. Behre and M. Westveld, associate silviculturists; Walter H. Meyer, assistant silviculturist; Paul W. Stickle, junior forester; P. R. Gast, agent; J. A. Beal, entomologist (Bureau of Entomology); Perley Spaulding, pathologist (Bureau of Plant Industry); Mary E. Terrell, clerk.

*Northern Rocky Mountain*.—R. H. Weidman, director, Montana Building, Missoula, Mont.; H. T. Gisborne, associate silviculturist; W. G. Wahlenburg, assistant silviculturist; I. T. Haig, Robert Marshall, and Gerhard Kempff, technical junior foresters; Jennie Peterson, clerk.

*Southern*.—R. D. Forbes, director, customhouse, New Orleans, La.; E. L. Demmon and Lenthall Wyman, associate silviculturists; E. W. Hadley, assistant silviculturist; Philip C. Wakeley, junior forester; Vera M. Spuhler, clerk.

*Southwestern*.—G. A. Pearson, silviculturist, Flagstaff, Ariz.; Herman Krauch, associate silviculturist; W. J. Osborn, ranger; C. G. Wittorff, clerk.

### GRAZING RESEARCH

W. R. Chapline, inspector of grazing.

FORAGE INVESTIGATIONS.—William A. Dayton, associate plant ecologist, Mrs. Edward J. Motley.

ECONOMIC AND SYSTEMATIC BOTANY (Bureau of Plant Industry).—F. V. Coville, in charge, Washington, D. C.; Ivar Tidestrom, A. S. Hitchcock, S. F. Blake, Agnes Chase, H. S. Skeels, Jason Swallen; Kenneth K. Mackenzie; W. R. Maxon, J. N. Rose, and Paul C. Standley (U. S. National Museum).

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*Jornada Range Reserve*.—J. D. Schoeller, director, Las Cruces, N. Mex.; R. S. Campbell, junior range examiner.

*Santa Rita Range Reserve*.—Matt J. Culley, director, Continental, Ariz. (WU—Exp. Amado); Richard S. Griffith, technical assistant.

## FOREST PRODUCTS LABORATORY

[In cooperation with the University of Wisconsin, Madison, Wis.]

Carlile P. Winslow, director; Aldo Leopold, associate director; H. D. Tiemann, dry-kiln specialist; E. Peck, assistant.

PUBLICATION OF RESULTS.—Ray C. Tuttle.

Editing.—T. J. Mosley.

Information.—Leyden N. Ericksen.

Instructional Courses.—Wallace W. Weber.

Illustrations.—F. J. Champion.

WOOD TECHNOLOGY.—Arthur Koehler, Eloise Gerry, Arthur I. Weinstein, M. Y. Pillow, Gertrude J. Griffin, M. C. Jensen.

DERIVED PRODUCTS.—L. F. Hawley.

Distillation.—L. F. Hawley, E. Beglinger.

Wood Preservatives.—E. Bateman, R. H. Beachler, H. K. Salzberg.

Hydrolysis.—E. C. Sherrard, H. Templeton, P. B. Davidson.

Wood Chemistry.—Geo. J. Ritter, L. C. Fleck.

Wood as a Colloid.—A. J. Stamm.

PULP AND PAPER.—John D. Rue; C. E. Curran, assistant.

Alkaline Processes.—C. E. Curran, J. Staidl.

Sulphite Process.—W. H. Swanson, W. H. Monsson.

Bleaching Process.—P. K. Baird, Randall H. Doughty.

Chemistry of Pulps.—M. W. Bray, C. E. Peterson.

Physical Properties of Pulp.—R. N. Miller, J. F. Moehlman.

Utilization of Fibrous Plants for Pulp.—E. R. Schafer.

Mill Waste Studies.—V. P. Edwardes.

Pulp and Pulpwood Decay.—John D. Rue.

Mechanical Pulp.—R. N. Miller.

Commercial Relations.—R. N. Miller, Gardner H. Chidester.

TIMBER MECHANICS.—J. A. Newlin; L. J. Markwardt, assistant.

Structural Timbers: Grading Rules and Working Stresses.—J. A. Newlin, H. S. Grenoble, R. P. A. Johnson.

Comparison of Species: Standard Strength Tests.—L. J. Markwardt, J. M. Gahagan.

Effect of Treatment and Decay on Strength.—T. R. C. Wilson, R. P. A. Johnson, R. F. Luxford.

Bending to Form.—T. R. C. Wilson, J. M. Gahagan.

Manufactured Articles.—Geo. E. Heck, R. F. Luxford.

Aircraft Study.—J. A. Newlin, G. W. Trayer.

Influence of Growth Conditions on Strength.—B. H. Paul.

Containers.—C. A. Plaskett, Geo. E. Heck, I. B. Lanphier, T. A. Carlson.

Preparation of Material for Publication.—L. J. Markwardt.

TIMBER PHYSICS.—Rolf Thelen; J. S. Mathewson, assistant; L. L. DeFlon, R. H. Grabow, W. K. Loughborough, L. V. Teesdale, Fordyce E. Tuttle.

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Moisture Proofing and Moulded Products.—M. E. Dunlap.

Wood Preservation.—J. D. MacLean, R. M. Wirka.

Wood Gluing Studies.—T. R. Truax, Don Brouse, C. A. Harrison.

Wood Finishing and Glue Development.—F. L. Browne, C. E. Hrubesky.

INDUSTRIAL INVESTIGATIONS.—C. V. Sweet; R. D. Garver, assistant.  
 Logging and Milling Waste.—R. D. Garver, Raymond Miller.  
 Requirements of Wood Consuming Industries.—A. O. Benson.  
 Small Dimension Stock.—A. O. Benson, George E. French.  
 Specifications and Grades.—C. V. Sweet, A. O. Benson, E. M. Davis,  
 G. C. Morbeck, A. C. Wollin.

Little Used Species.—R. D. Garver, W. E. Griffiee.

PATHOLOGY (in cooperation with Bureau of Plant Industry).—  
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LABORATORY OPERATION.—Edgar F. White; Charles F. Juckem, administrative assistant.

Engineering.—B. L. Nelson.

Photography.—M. E. Diemer.

Computing.—Alice M. Smith.

Quarters.—L. R. Denicke.

Records.—Ellen A. Hoffman.

Supplies.—C. P. Juckem.

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## ENGINEERING

T. W. NORCROSS, chief engineer; G. H. Lautz, assistant chief engineer; M. S. Wright, assistant engineer.

MAPS AND SURVEYS.—G. H. Lautz; C. A. Kolb, geographer.

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Drafting.—J. M. Witherow.

Engraving.—Helen B. Smith.

Photography.—E. S. Shipp.

Surveys.—M. S. Wright.

ROADS.—G. H. Lautz.

WATER POWER.—T. W. Norcross.

## PUBLIC RELATIONS

PAUL G. REDINGTON, assistant forester and chief of branch; J. G. Peters and Ward Shepard, assistant chiefs; Harry Irion, administrative assistant.

SPECIAL ASSIGNMENTS.—Herbert A. Smith, assistant forester.

COOPERATION WITH TIMBERLAND OWNERS.—Austin Cary, logging engineer.

### DIVISION OF STATE COOPERATION

J. G. PETERS, forest inspector, in charge; A. B. Hastings, inspector; H. N. Wheeler, assistant inspector; H. L. Baker, assistant inspector; Miss J. S. Peyton, law compiler.

#### Fire Control and Distribution of Planting Stock

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MIDDLE ATLANTIC STATES.—G. T. Backus, district inspector.

GULF STATES.—G. T. Backus, acting district inspector.

FARM FORESTRY.—G. H. Collingwood (with Office of Cooperative Extension Work), extension forester; W. R. Mattoon, extension forester.



## DIVISION OF INFORMATION

WARD SHEPARD, forest inspector, in charge; L. C. Everard, editor.  
 PUBLICATION.—C. M. Ballard.  
 PRINTING.—Edward Burkholder.  
 PRESS.—Miller Hamilton.  
 VISUAL EDUCATION.—H. R. Kylie.

## DISTRICT 1

### NORTHERN DISTRICT

Montana, northeastern Washington, northern Idaho, and northwestern South Dakota. Office, Federal Building, Missoula, Mont.

FRED MORRELL, district forester.

PUBLIC RELATIONS.—Theodore Shoemaker, chief of office; K. D. Swan.

LAW.—Office of the solicitor (Forest Service branch). C. S. Brothers, district law officer.

FINANCE AND ACCOUNTS.—O. M. Wold, district fiscal agent; S. E. Schoonover, deputy.

OPERATION.—L. C. Stockdale, assistant district forester; D. L. Beatty, inspector; G. I. Porter, administrative assistant; W. P. Hillman.

FIRE CONTROL.—Howard R. Flint, inspector.

TELEPHONE ENGINEERING.—R. B. Adams.

LAW ENFORCEMENT.—P. J. O'Brien.

STATE COOPERATION IN FIRE CONTROL.—Montana and Idaho; R. N. Cunningham.

MAINTENANCE.—O. C. Bradeen.

FOREST MANAGEMENT.—Elers Koch, assistant district forester; Wilfred W. White, assistant.

LOGGING ENGINEERING.—Philip Neff.

TIMBER SALES.—Field Supervision, C. S. Webb.

PLANTING.—D. S. Olson, Haugan, Mont. G. W. Jones, Savenac Nursery, Haugan, Mont.

FOREST INSECT INVESTIGATIONS (Bureau of Entomology).—J. C. Evenden, consulting entomologist, Coeur d'Alene, Idaho.

GRAZING.—Glen A. Smith, assistant district forester; Thomas Lomasson, inspector of grazing; E. D. Sandvig, assistant range examiner.

RANGE INVESTIGATIONS.—W. G. McGinnies.

LANDS.—M. H. Wolff, assistant district forester; C. A. McElroy, mineral examiner; J. B. Seely, office assistant.

LAND EXCHANGE.—Harry G. Ade and F. K. Stewart.

ENGINEERING.—F. E. Thieme, district engineer.

MAPS AND SURVEYS.—J. B. Yule.

Drafting.—Frank J. Cool.

ROADS.—F. E. Thieme, H. A. Calkins, W. P. Stephenson, and R. P. Hilleary.

WATER POWER.—F. E. Thieme and Harold Townsend.

PRODUCTS.—S. V. Fullaway, jr., chief of office; Melvin Bradner and C. N. Whitney.

## NATIONAL FORESTS

## IDAHO

**Clearwater.**—Paul A. Wohlen, Orofino (WU); Paul H. Gerrard and A. N. Cochrell, assistant supervisors; W. E. Buckingham, ranger; Philip M. Lamoreux and H. R. Snider, clerks.

*Ranger District: Musselshell.*— ———, Weippe (Exp. Orofino).

*Oxford.*—L. R. Vanairsdale, Pierce (Exp. Orofino); J. L. Miller.

*Canyon.*—O. A. Knapp, Pierce (Exp. Orofino).

*Chamberlain Meadow.*—Robert Johanson, Superior, Mont.

*Kelly Creek.*—J. P. Gaffney, Pierce (Exp. Orofino).

*Cook Mountain.*— ———, Pierce (Exp. Orofino).

**Coeur d'Alene.**—Charles K. McHarg, jr., Coeur d'Alene (WU, C); A. J. Roche, assistant supervisor; Howard Drake, logging engineer; Thomas Crossley, lumberman; H. H. Gurley, W. G. Hoar, and Harvey C. Jack, technical assistants; Fred E. Allen, clerk.

*Ranger District: River.*—Edward C. Pulaski, Wallace.

*Lake.*—S. C. Sanderson, Coeur d'Alene.

*Little North Fork.*—George S. Haynes, Coeur d'Alene.

*Forks.*—Frank B. Bishop, Coeur d'Alene.

*North Fork.*—Edd F. Helmers, Prichard (Exp. Enaville).

*Lower North Fork.*—Chas. B. Hand, Enaville.

*Timber Sale.*—Nels Johnson, lumberman; D. W. Maryott, Philip Clack, Charles Larson, and V. C. Moody, rangers.

**Nezperce.**—Leon C. Hurtt, Grangeville (WU); Guy M. Brandborg and Clyde D. Blake, assistant supervisors; Ralph K. Day, technical assistant; George V. Ring, warehouse foreman; William M. Noble, clerk.

*Ranger District: Salmon River.*—William H. Deasy, Riggins (Exp. Grangeville).

*Dixie.*—George C. Space, Dixie (Exp. Stites).

*Slate Creek.*—W. P. Hanover, Whitebird (Exp. Grangeville); H. W. Higgins.

*Clearwater.*—Vernon L. Collins, Grangeville.

*Elk City.*—O. V. Clover, Elk City (Exp. Stites).

*Red River.*—Earl McConnell, Elk City (Exp. Stites).

**Pend Oreille.**—Ernest T. Wolf, Sandpoint (WU); Otis B. Parker, assistant supervisor; G. M. De Jarnette, technical assistant; Walter W. Schwartz, clerk.

*Ranger District: Clark Fork.*—C. E. Middleton, Clark Fork.

*Lake.*—L. M. Beard, Bayview.

*Naples.*—W. M. Laybourn, Naples (Exp. Shiloh).

*Moyie.*—H. K. Ludington, Meadow Creek.

*Porthill.*—F. B. Casler, Copeland.

*Timber Sale.*—J. H. Watson, lumberman.

**Selway.**—Frank J. Jefferson, Kooskia (WU) ; Chas. A. MacGregor and J. C. Urquhart, assistant supervisors ; F. M. Cossitt, technical assistant ; John F. Rice, warehouse foreman ; Miles L. Marsh, clerk.

*Ranger District: Middle Fork.*—Jack A. Parsell, Kooskia.

*Selway.*—Clayton S. Crocker, Kooskia.

*Lochsa River.*—Ralph L. Hand, Kooskia.

*Moose Creek.*—Fred W. Shaner, Kooskia.

*Meadow Creek.*—Albert C. Campbell, Kooskia.

*Bear Creek.*—R. S. Ferguson, Kooskia.

**St. Joe.**—Roy A. Phillips, St. Maries (C) ; James F. Brooks, assistant supervisor ; George C. Earle, lumberman ; Karl J. George, clerk.

*Ranger District: Palouse.*—William H. Daus, Princeton.

*North Forks.*—W. E. Kickbusch, Avery.

*Wards Peak.*—Charles H. Scribner, Avery.

*Roundtop.*—Franklin Girard, Avery ; Herman L. Flodberg.

*Pole Mountain.*—J. C. Parker, Avery.

*Transportation and Supplies.*—J. L. Williams, Avery.

#### MONTANA

**Absaroka.**—G. E. Martin, Livingston (WU) ; W. M. Rush, assistant supervisor ; Lena Caruso, clerk.

*Ranger District: Deer Creek.*—H. M. Crane, Reed Point (Exp. Big Timber).

*Main Boulder.*—Harry S. Kaufman, McLeod (Exp. Big Timber).

*Livingston.*—Harry S. Kaufman, Swingley (Exp. Livingston).

*Yellowstone.*—Louis C. Regan, Carbella.

*Park.*—C. H. Johnson, Gardiner.

*Big Timber.*—L. P. McKnight, Big Timber.

*Shields.*—Clive H. Galbraith, Wilsall.

**Beartooth.**—R. Trevor Ferguson, Billings (WU) ; L. F. Jefferson, assistant supervisor ; Hettie Millis, clerk.

*Ranger District: Rock Creek.*—L. H. McLean, Red Lodge.

*Rosebud.*—Raymond A. Coster, Luther (Exp. Red Lodge).

*Stillwater.*—A. L. Olson, Limestone (Exp. Columbus).

*Pryor.*—C. O. Williamson, Bowler (Exp. Bridger).

*Cooke.*—D. W. Kissinger, Cooke (Exp. Gardiner).

**Beaverhead.**—John B. Somers, Dillon (WU) ; Frank Foltz, assistant supervisor ; H. W. Elofson, range examiner ; Wm. P. Vlasich, clerk.

*Ranger District: Melrose.*—John W. Long, Melrose.

*Wisdom.*—A. W. Vogelsang, Wisdom (Exp. Divide).

*Jackson.*—Chas. G. Burdick, Jackson (Exp. Dillon).

*Argenta.*— ———, Argenta (Exp. Dillon).

*Horse Prairie.*—August A. Schroeder, Grant.

*Sheep Creek.*—J. O. Thompson, Dell.

*Battlefield.*—Marshall G. Ramsey, Wisdom (Exp. Divide).

*Wise River.*—Pete Piazzola, Wise River.



**Bitterroot.**—John W. Lowell, Hamilton (WU) ; A. C. Adams, assistant supervisor ; Florence McLaughlin, clerk.

*Ranger District: North End.*—C. E. Powell, Victor.

*Darby.*—Nathaniel E. Wilkerson, Darby ; J. D. Vance, Grantsdale.

*East Fork.*—Clyde W. Shockley, Sula (Exp. Darby).

*West Fork.*—C. W. Hannon, Darby.

*Salmon.*—R. C. Fitzgerald, Darby.

*Paradise.*—Harmon Regnes, Darby.

**Blackfeet.**—James E. Ryan, Kalispell (WU) ; Ray R. Fitting, assistant supervisor ; J. H. Bosworth, lumberman ; H. Gruner, clerk.

*Ranger District: Upper North Fork.*—Floyd I. Dewald, Polebridge (Exp. Columbia Falls).

*Lower North Fork.*—M. S. Spink, Columbia Falls.

*Olney.*—H. J. Ranes, Olney.

*Fortine.*—A. J. Cramer, Trego (Exp. Fortine) ; F. Herrig.

*Wolf Creek-Kila.*—Ralph S. Space, Pleasant Valley (Exp. Kalispell).

*Tally Lake.*—C. J. Lillivig, Whitefish.

*Timber Sale.*—W. T. Winston, lumberman.

**Cabinet.**—Kenneth Wolfe, Thompson Falls (WU) ; Carl H. Siria, assistant supervisor ; C. F. Makibbin, technical assistant ; Harvey Corley, ranger ; James L. Adams, clerk.

*Ranger District: Thompson River.*—H. D. Anderson, Yakt.

*Thompson Falls.*—Fred E. Brown, Thompson Falls.

*Trout Creek.*—Neil L. Eplin, Trout Creek.

*Noxon-Bull River.*—Benjamin F. Saint, Noxon.

*Plains.*—Howard R. Larson, Plains.

**Custer.**—Alva A. Simpson, Miles City (WU, C) ; Wm. E. Lockhart, assistant supervisor ; E. W. Hartwell, technical assistant ; Mary E. McClain, clerk.

*Ranger District: Ekalaka.*—Robert B. Rolfe, Ekalaka (Exp. Baker).

*Long Pine.*—J. W. Stanton, Camp Crook, S. Dak. (Exp. Marmath, N. Dak.).

*Short Pine.*—L. W. Shevling, forest guard, Harding, S. Dak. (Exp. Marmath, N. Dak.).

*Slim Buttes.*—Bernard Lee, Gill, S. Dak. (Exp. Hettinger, N. Dak.).

*Cave Hills.*—Glen L. Dodge, Ludlow, S. Dak. (Exp. Bowman, N. Dak.).

*Whitetail.*—O. E. York, Stacey (Exp. Miles City).

*Ten Mile.*—Warren Akers, Ashland (Exp. Forsyth).

*Otter.*—Robert L. Harris, Ashland (Exp. Forsyth).

*Poker Jim.*—Glen Flathers, Birney (Exp. Sheridan, Wyo.).

- Deerlodge.**—John B. Taylor, Butte (WU, P, C) ; J. N. Templer, assistant supervisor ; Olive Leaf, clerk.
- Ranger District: Deerlodge.*—A. E. Cole, Deer Lodge.
- Anaconda.*—E. W. Kurtz, Anaconda ; R. C. Henley.
- Big Hole.*—M. E. Skillman, Fishtrap (Exp. Divide).
- Fleecer.*—W. V. Jefferson, Silver Bow.
- Butte.*—W. F. Simons, Butte.
- Whitetail.*—H. H. Mills, Whitehall.
- Boulder.*—W. A. Chipperfield, Basin ; John T. Marsh.
- Flathead.**—Lloyd G. Hornby, Kalispell (WU) ; C. J. Hash and W. I. White, assistant supervisors ; F. F. Liebig and Neil B. Smith, rangers ; Harvey R. Marsh, clerk.
- Ranger District: Essex.*—F. J. Neitzling, Essex (Exp. Walton).
- Coram.*—James E. Ready, Coram (Exp. Citadel).
- Echo.*—John E. Thompson, Creston (Exp. Kalispell).
- Spotted Bear.*—M. B. Mendenhall, Coram (Exp. Citadel).
- Big River.*—C. L. Pierce, Essex (Exp. Walton).
- Upper Swan.*—Thomas M. Wiles, Swan Lake (Exp. Kalispell).
- Lower Swan.*—A. E. Hutchinson, Swan Lake (Exp. Kalispell).
- Big Prairie.*—Henry Thol, Coram (Exp. Citadel).
- Elk Park.*—A. C. Austin, Coram (Exp. Citadel).
- Black Bear.*—J. N. Diehl, Coram (Exp. Citadel).
- Timber Sale.*—J. E. Adams, scaler.
- Gallatin.**—Burr W. Clark, Bozeman (WU) ; C. B. Swim, assistant supervisor ; Edward J. Hoell, clerk.
- Ranger District: Upper Gallatin.*—Eric P. White, Eldridge (Exp. Salesville).
- Middle Creek.*—Albert H. Nee, Bozeman.
- Yellowstone.*—L. E. Ewan, jr., Emigrant.
- Bridger.*—Edward F. Foreman, Bozeman.
- Flathead.*—Fred E. Ainger, Wilsall.
- Squaw Creek.*———, Salesville.
- Helena.**—Arthur H. Abbott, Helena (WU, P) ; A. A. Brown, assistant supervisor ; H. H. Hendron, technical assistant (grazing) ; Gladys I. Jackson, clerk.
- Ranger District: Deep Creek.*—Earl V. Welton, Townsend.
- Duck Creek.*—Bertram A. Goodman, Canton (Exp. Townsend).
- Smith River.*—Bertram A. Goodman, Canton (Exp. Townsend).
- Nelson.*—Carl F. Uhlhorn, Nelson (Exp. Helena).
- McClellan.*—C. F. Martineau, jr., Helena.
- Crow Creek.*—Ray M. Kingsley, Radersburg (Exp. Toston).
- Helena.*—David H. Lewis, Helena.
- Blackfoot.*—M. D. Mizner, Elliston.



**Jefferson.**—Wilford B. Willey, Great Falls (WU, P, C) ; Adolph Weholt, assistant supervisor ; Camille Pierson, clerk.

*Ranger District: Tenderfoot.*—D. C. Morrison, Campsite (Exp. Logging Creek).

*Belt Creek.*—R. E. Dickinson, Neihart.

*Dry Wolf.*—J. C. De Groat, Stanford.

*Judith River.*—Thomas G. Myers, Utica (Exp. Hobson).

*Snowy Mountains.*—David Lake, Judith Gap.

*Musselshell.*—John P. Bonham, Martinsdale.

*Sheep Creek.*—Emery E. Wilson, White Sulphur Springs.

*Castle Mountains.*—Leon L. Lake, White Sulphur Springs.

*Highwood Mountains.*—Robert K. Gray, Highwood.

*Little Rockies.*—Stacy Eckert, Zortman (Exp. Dodson).

**Kootenai.**—Arthur M. Baum, Libby (WU) ; Justin K. Dwinelle, assistant supervisor ; K. A. Klehm, lumberman ; R. W. Billings, technical assistant ; J. P. Baldwin, ranger ; William F. Murray, clerk.

*Ranger District: Sylvanite.*—A. E. Beckwith, Troy.

*Upper Yack.*—C. D. Sousley, Troy.

*Cabinet.*—T. J. Donica, Troy.

*Libby.*—L. D. Williamson, Libby.

*Swamp Creek.*—E. A. Woods, Libby.

*Raven.*—W. M. Gregg, Manicke (Exp. Libby).

*Warland.*—C. A. Fenn, Warland.

*Rexford.*—C. R. Byers, Rexford.

*Troy.*—Howard McGill, Troy.

*Pipe Creek.*—H. R. Matthews, Libby.

*Timber Sale.*—John S. Baird, Ed. Henrichs, and F. J. Gravelin, lumbermen.

*Timber Surveys.*—Marvin C. Riley and Arthur B. Bowman, technical assistants ; R. J. Smith, ranger.

**Lewis and Clark.**—Eldon H. Myrick, Choteau (WU, P) ; A. D. Moir, jr., assistant supervisor ; Mary E. Parr, clerk.

*Ranger District: Lubec.*—L. J. Howard, Glacier Park.

*Blackleaf.*—G. A. Fredrickson, Choteau.

*Teton.*—G. A. Fredrickson, Choteau.

*Sun River.*—H. H. Halvorson, Augusta.

*Willow Creek.*—Ben P. Martin, Augusta.

*Dearborn.*—C. A. Butler, Augusta.

**Lolo.**—Chas. D. Simpson, Missoula (WU, P); Thomas A. Clapp, assistant supervisor; Claude E. Sutton, forest examiner; Mabel G. Peterson, clerk.

*Ranger District: Lolo.*—Edward Mackay, Lolo.

*Powell.*—Edward Mackay, Lolo.

*Frenchtown.*—R. A. Cherry, Frenchtown.

*Quartz.*—George H. Hankinson, Tarkio.

*Superior.*—R. E. Crowell, Superior.

*St. Regis.*—A. T. Macnab, St. Regis.

*Savenac.*—Frank D. Haun, Haugan.

*Elk Summit.*—W. J. Bell, Lolo.

*Timber Sale.*—A. R. Standiford, lumberman; Thomas E. Rowland, ranger.

**Madison.**—Walter J. Derrick. Sheridan (WU); C. P. Fickes, assistant supervisor; Mary J. Pershina, clerk.

*Ranger District: Sheridan.*—Harvey B. Rust, Sheridan.

*Pony.*—Claget Sanders, Pony.

*Bearcreek.*—E. H. Billsborough, Ennis (Exp. Norris).

*Basin.*—F. D. Riggle, West Yellowstone.

*Lyon.*—C. A. Joy, Lyon (Exp. Norris).

*Ruby.*—W. E. Fry, Alder.

*Wall Creek.*—V. T. Linthacum, Abe (Exp. Norris).

*Timber Sale.*—W. W. Larsen, ranger.

**Missoula.**—W. M. Nagel, Missoula (WU, P); John H. Clack, assistant supervisor; Helen M. Hodson, clerk.

*Ranger District: Philipsburg.*—H. R. Richards, Philipsburg.

*West Fork.*—S. L. McNelly, Philipsburg.

*Bonita.*—Lewis G. Nichols, Bonita.

*Seely Lake.*—W. L. Robb, Clearwater (Exp. Missoula).

*Monture.*—Charles Olsen, Ovando (Exp. Missoula).

*Gold Creek.*———, Bonner (Exp. Missoula).

#### WASHINGTON

**Kaniksu.**—James C. Whitham, Newport (WU); F. T. Carroll, assistant supervisor; Stanley S. Locke and Louis W. Fuess, technical assistants; J. E. Breen, logging engineer; E. M. Kapp, clerk.

*Ranger District: Falls.*—John J. Murray, Priest River, Idaho.

*Priest Lake.*—James K. Ward, Coolin, Idaho (Exp. Priest River, Idaho).

*Upper Priest Lake.*—Hugh S. Redding, Coolin, Idaho (Exp. Priest River, Idaho).

*Sullivan Lake.*—Arthur E. Pauley, Ione.

*Experiment Station.*—Edwin J. Jost, Priest River, Idaho.

*Timber Sales.*—R. E. Dow, W. G. McGillivray, R. W. Fremming, C. H. Tracey, rangers; Wm. Ferwerda, scaler.

## DISTRICT 2

## ROCKY MOUNTAIN DISTRICT

Colorado, Wyoming, South Dakota, Nebraska, Minnesota, and Michigan. Office, New Federal Building, Denver, Colo.

ALLEN S. PECK, district forester; Edith G. Kiene, executive assistant.

PUBLIC RELATIONS.—H. D. Cochran.

LAW.—Office of the Solicitor (Forest Service branch). W. J. Ise, district law officer.

FINANCE AND ACCOUNTS.—Joel I. Buckner, district fiscal agent; V. W. Campbell, deputy.

OPERATION.—C. J. Stahl, assistant district forester.

FIRE CONTROL.—John McLaren.

Minor Roads and Trails.—Ress Philips.

TRAINING.—Peter Keplinger.

STATE COOPERATION IN FIRE CONTROL AND DISTRIBUTION OF FOREST PLANTING STOCK.—Michigan, Minnesota, and Wisconsin: Crosby A. Hoar, district forest inspector, Federal Bldg., Duluth, Minn.

MAINTENANCE.—M. R. Kennedy.

FOREST MANAGEMENT.—M. W. Thompson, assistant district forester; John W. Spencer, assistant.

LOGGING ENGINEERING.—J. A. Donery.

PLANTING.—Fred R. Johnson.

GRAZING.—John H. Hatton, assistant district forester; Lynn H. Douglas, inspector of grazing.

LANDS.—Earl W. Tinker, assistant district forester; Thos. M. Moorman, assistant.

ENGINEERING.—J. L. Brownlee, district engineer.

Drafting.—Frank E. Washburn.

## NATIONAL FORESTS

## COLORADO

**Arapaho.**—John V. Leighou, Hot Sulphur Springs (WU); Wm. B. Apgar and Wm. L. Robb, technical assistants; Victor H. Frey, executive assistant.

*Ranger District: Williams Fork.*—Arthur E. Barnes, Scholl (Exp. Pashall).

*Fraser.*—John F. Johnston, West Portal.

*Sulphur.*—J. L. Glendenning, Hot Sulphur Springs.

*North Park.*—A. E. Straub, jr., Rand (Exp. Walden).

*Timber Sale.*—Carl A. Magnuson, Fraser.

**Cochetopa.**—Chas. B. Mack, Salida (WU); Eric A. Johnson, technical assistant; Edith H. Berrian, clerk.

*Ranger District: Carnero.*—Saguache (Exp. Moffat).

*Saguache.*—Tibo Gallegos, Saguache (Exp. Moffat).

*Bonanza.*—Frank W. Woody, Villa Grove.

*Poncha.*—Joseph M. Cuenin, Salida.

*Tomichi.*—W. E. Shropshire, Sargents; Paul P. McCord.

*Cebollo.*—Leonard H. England, Powderhorn (Exp. Parlin).



**Colorado.**—Wm. R. Kreutzer, Fort Collins (WU); Arthur L. Nelson, technical assitant; G. C. Hougham, executive assistant.

*Ranger District: Boulder.*—Dewey S. Wright, Rollinsville.

*Estes Park.*—L. H. Carr, Estes Park (Exp. Lyons).

*Poudre.*—Henry A. Payson, Fort Collins.

*Livermore.*—Lon H. Ulrich, Logcabin (Exp. Fort Collins).

*North Park.*—F. J. Smith, Glendevey.

*Timber Saie.*—John W. Delaney, Foxpark, Wyo.

**Grand Mesa.**—Ray Peck, Grand Junction (WU); Wm. B. Ihlanfeldt, clerk.

*Ranger District: Divide.*—Henry Vance, Rifle.

*Muddy.*—W. F. Gilliam, Paonia.

*Lakes.*—J. B. Robinson, Cedaredge (Exp. Delta).

*Mesa.*—Walter A. Wagner, Mesa (Exp. De Beque).

*Collbran.*———, Collbran (Exp. De Beque).

**Gunnison.**—Theodore Krueger, Gunnison (WU); Ray R. Clarke, assistant supervisor; Maude G. Bray, clerk.

*Ranger District: Pitkin.*—C. L. Van Giesen, Pitkin.

*Taylor Park.*—Urban J. Post, Almont.

*Crested Butte.*—Henry L. Spencer, Crested Butte.

*Anthracite.*—Paul P. Carnahan, Baldwin (Exp. Gunnison).

*North Fork.*—Thomas H. Thurman, Paonia.

*Sapinero.*—G. M. Sprague, Sapinero.

*Black Mesa.*—B. C. Heilman, Crawford (Exp. Hotchkiss).

**Holy Cross.**—Harold L. Borden, Glenwood Springs (WU); Victor J. Dayharsh, technical assistant; Ralph W. Gray, executive assistant.

*Ranger District: Sheephorn.*—Joseph A. Gibbs, Radium.

*Red Cliff.*—W. M. Scanlan, Red Cliff.

*Avon.*—A. O. Harris, Minturn.

*Eagle.*—William S. Brown, Eagle.

*Frying Pan.*—V. C. Holcomb, Basalt (Exp. Emma).

*Capitol Creek.*—Fay Franklin, Woody Creek.

*Aspen.*—L. C. Shoemaker, Aspen.

*Crystal River.*—S. Floyd Chappel, Carbondale.

**Leadville.**—Lewis R. Rist, Leadville (WU); Allen F. Miller, technical assistant; Ruth Smith, clerk.

*Ranger District: Buena Vista.*—James L. Frame, Buena Vista.

*Leadville.*—Harry J. Smith, Leadville.

*Dillon.*—Edward F. Heaton, Dillon.

*Blue River.*—Ernest A. Foster, jr., Dillon.

*South Park.*—Raymond O. Taylor, Fairplay.

**Montezuma.**—A. F. Hoffman, Mancos (WU) ; Robert L. Rider, clerk.

*Ranger District: Mancos.*—Edward Wright, Mancos.

*Dolores.*—J. Ward Emerson, Dolores.

*Glade.*—E. L. Besondy, Dolores.

*Norwood.*—W. I. Wilson, Norwood (Exp. Placerville).

*Telluride.*—Fred Bentley, Ophir.

*Rico.*—James G. Cayton, Rico.

*Timber Sale.*—Roy L. Williams, McPhee.

**Pike.**—Albin G. Hamel, Colorado Springs (WU) ; Everard S. Keithley and Harry D. Petheram, technical assistants ; John A. Lubbe, executive assistant. Monument Nursery, W. H. Schrader, Monument.

*Ranger District: Clear Creek.*—W. B. Kelso, Idaho Springs.

*Jefferson.*—J. B. Fitzsimmons, Cassells (Exp. Weller).

*South Platte.*—F. C. Parrett, Buffalo Creek (Exp. Pine Grove).

*Lake George.*—Ray M. Bradshaw, Lake George (Exp. Divide).

*Devils Head.*—Stanley A. Mahan, Woodland Park.

*Pikes Peak (N).*—W. F. Cochran, Cascade.

*Pikes Peak (S).*—J. H. Patterson, Colorado Springs.

**Rio Grande.**—R. E. Clark, Monte Vista (WU) ; P. B. Lister, technical assistant (grazing) ; Carl H. Goepfarth, clerk.

*Ranger District: Pyramid.*—Elbert E. Vanaken, Creede.

*Creede.*—Roy M. Truman, Creede.

*Alder.*————, South Fork.

*South Fork.*—J. A. Hagerman, South Fork.

*Del Norte.*—William M. Darley, Monte Vista.

*Conejos.*—James B. Beals, Antonito.

**Routt.**—Philip V. Woodhead, Steamboat Springs (WU) ; Chas. R. Towne, technical assistant ; Agnes D. McNair, clerk.

*Ranger District: Park Range.*—Chas. A. Kutzleb, Coalmont.

*Gorc.*—Geo. W. Howard, Yampa.

*Steamboat.*————, Steamboat Springs.

*Hahns Peak.*—Dean H. Leonard, Columbine.

*Bears Ears.*—Percy Ray, Craig.

**San Isabel.**—H. Earl French, Pueblo (WU) ; S. E. Doering, assistant supervisor ; Fay A. Kendig, clerk.

*Ranger District: Hardscrabble.*—J. J. Lowell, Wetmore (Exp. Florence).

*Greenhorn.*—Earl Nolen, Rye (Exp. Pueblo).

*Westcliffe.*————, Westcliffe.

*San Luis.*—Karl Gilbert, Crestone.

*Blanca.*—Paul Gilbert, Gardner (Exp. Walsenburg).

*Las Animas.*—Walter F. Oakes, La Veta.



**San Juan.**—Andrew Hutton, Durango (WU); S. D. Anderson and Philip A. Sargent, technical assistants; J. Christine Soens, clerk.

*Ranger District: La Plata.*—Chas. H. Gregg, Hesperus.

*Engineer.*—Paul D. Irwin, Durango.

*Animas.*—Thomas E. Price, Durango.

*Pine.*—Harry L. Norris, Bayfield (Exp. Ignacio).

*Chimney.*—Frank E. Loring, Bayfield.

*Piedra.*—Glenn Dalton, Pagosa Springs.

*Treasure.*—James C. Maloy, Pagosa Springs.

*Blanco.*—Chas. E. Seymour, Pagosa Springs.

**Uncompahgre.**—Harry H. French, Delta (WU); Gunnar K. Fenger, technical assistant; John J. Buck, clerk.

*Ranger District: North End.*—Elmer F. Reed, Grand Junction.

*Delta.*—John H. Keep, Delta.

*Miguel.*—R. C. Miller, Nucla (Exp. Placerville).

*Ouray.*—William Doran, Ouray.

*Alpine.*————, Lake City.

**White River.**—James A. Blair, Glenwood Springs (WU); Lewis Cummings, technical assistant; Ralph W. Gray, executive assistant.

*Ranger District: Sleepy Cat.*—John L. Wallace, Marvine.

*Williams Fork.*—John J. Nealis, Willow Creek (Exp. Craig).

*Burns Hole.*—Felix E. Read, Yampa.

*New Castle.*—George A. Powell, New Castle.

*Miller Creek.*—James R. Ahl, Buford (Exp. Meeker).

*Shoshone.*—Rich R. Thomson, Glenwood Springs.

#### MICHIGAN

**Michigan.**—R. G. Schreck, East Tawas (WU); Elsie Doerter, clerk. Beal Nursery, Ralph H. Johnson and Harry C. Turner, planting assistants, East Tawas.

*Ranger District: Tawas.*—Byron L. Groesbeck, East Tawas.

*Mio.*—Glenn G. Barnes, Mio (Exp. Rose City).

*Marquette.*—Edward C. Groesbeck, Raco (Exp. Brimley).

#### MINNESOTA

**Minnesota.**—G. E. Marshall, Cass Lake (WU); Howard Hopkins and Calvin B. Stott, technical assistants; Thos. W. Peterson, clerk. Cass Lake Nursery.

*Ragner District: Cass Lake.*—M. J. Cummings, Cass Lake.

*Bena.*—Matt Soderback, Bena.

*Outfoot Sioux.*—George Farley, Deer River.

**Superior.**—Alve L. Richey, Ely (P) ; R. U. Harmon, assistant supervisor ; Wm. L. Barker, jr., technical assistant ; Joseph Pluth, clerk.

*Ranger District: Sioux River.*—Frank R. Crow, Buyek (Exp. Orr).

*Sawbill.*—Leslie S. Bean, Grand Marais.

*Four Mile.*—J. E. Mulligan, Grand Marais.

*Big Lake.*—M. J. Valentine, Ely.

*Stony.*—Thos. A. Denley, Ely.

*Kawishiwi.*—Frank Carney, Ely.

*Bearskin.*—F. P. Legat, Grand Marais.

#### NEBRASKA

**Nebraska.**—Jay Higgins, Halsey (WU) ; Lloyd Johnson, clerk. Bessey Nursery, Karl L. Janouch, planting assistant, Halsey.

*Ranger District: Niobrara.*—John G. Lord, Doughboy (Exp. Nenzel).

*Bessey.*—M. S. Hulse, Halsey.

#### SOUTH DAKOTA

**Black Hills.**—George A. Duthie, Deadwood (WU) ; Wm. B. Fay, assistant supervisor ; F. J. Poch, technical assistant ; Wm. J. Cotton, clerk.

*Ranger District: Spearfish.*—F. E. Blankenship, Savoy.

*Crook Mountain.*—L. B. Graham, Sturgis.

*Hardy.*—Theo. R. Cochran, Lead.

*Rochford.*—Wm. A. Robison, Rochford.

*Nemo.*—Manford R. Hickel, Nemo.

*Pactola.*—Marion J. Webber, Pactola.

*Bearlodge.*—Rube Riley, Aladdin, Wyo.

**Harney.**—James F. Conner, Custer (WU) ; Paul L. Ginter, technical assistant ; W. C. Robert, executive assistant.

*Ranger District: Keystone.*—Guy C. Keys, Keystone (Exp. Hill City).

*Hill City.*—Charles H. Fox, Hill City.

*Bear Mountain.*—Clair V. Cooke, Custer.

*Custer.*—David F. McGill, Custer.

*Pringle.*—N. E. Hibbard, Pringle.

*Elk Mountain.*—I. M. Massey Lauzon (Exp. Dewey).

*Timber Sale.*—H. A. Gould, Custer.

#### WYOMING

**Bighorn.**—Fred B. Agee, Sheridan (WU) ; F. L. Archer, executive assistant.

*Ranger District: Porcupine.*—Earl W. Snelling, Lovell.

*Tongue.*—Y. Z. David, Dayton (Exp. Ranchester).

*Shell-Paintrock.*—Bly Dickson, Hyattville (Exp. Manderson).

*Goose.*—J. S. Veeder, Big Horn (Exp. Sheridan).

*Buffalo.*—C. B. Morgareidge, Buffalo.

*Tensleep.*—Edwin L. Miller, Tensleep (Exp. Manderson).

- Hayden.**—James Blackhall, Encampment (WU) ; Charles Allen, clerk.  
*Ranger District: Encampment.*—George P. Lang, Encampment.  
*North End.*—Richard R. Riggs, Saratoga.  
*Snake River.*—James Saban, Slater, Colo. (Exp. Wamsutter, Wyo.)
- Medicine Bow.**—Huber C. Hilton, Laramie (WU) ; D. E. Clark, technical assistant ; Louis E. Coughlin, executive assistant.  
*Ranger District: Foxpark.*—Maurice V. Dunmire, Foxpark.  
*Keystone.*—Ernest J. Bordahl, Holmes (Exp. Albany).  
*Brush Creek.*—Robt. W. Chamberlin, Saratoga.  
*Bow.*—B. F. Willshon, Elk Mountain (Exp. Hanna).  
*Sevenmile.*—Evan J. Williams, Centennial.  
*Timber Sale.*—J. C. McCallister, lumberman, Foxpark ; W. C. Buckner and Elva A. Snow.
- Shoshone.**—J. N. Langworthy, Cody (WU) ; Margaret Hayden, clerk.  
*Ranger District: Greybull.*—Fred R. Thomas, Pitchfork (Exp. Cody).  
*North Fork.*—C. C. Spencer, Wapiti (Exp. Cody).  
*South Fork.*—W. J. Petermann, Ishawooa (Exp. Cody).  
*Sunlight.*— ———, Painter (Exp. Cody).  
*Clarks Fork.*—F. E. McGrew, Painter (Exp. Cody).
- Washakie.**—Wallace J. Pearce, Lander (WU) ; Elsie C. Mann, clerk.  
*Ranger District: Absaroka.*—Samuel W. Orr, Dubois.  
*Sheridan.*—Alfred G. Clayton, Dubois (Exp. Lander).  
*Lander.*—Jacob Baer, Lander.  
*Timber Sale.*—E. H. Peck, lumberman, Dunoir (Exp. Riverton) ; Wm. J. Stahl and Carl A. Sward.

## DISTRICT 3

### SOUTHWESTERN DISTRICT

Arizona and New Mexico. Office, Gas and Electric Building, Albuquerque, N. Mex.

FRANK C. W. POOLER, district forester.

LAW.—Office of the Solicitor (Forest Service branch).—E. S. French, district law officer.

FINANCE AND ACCOUNTS.—Albert Morris, district fiscal agent ; H. B. Herms, deputy.

OPERATION.—Hugh G. Calkins, assistant district forester ; James F. Mullen (minor roads and trails) and Earl W. Loveridge, assistants.

MAINTENANCE.—E. P. Ancona.

FOREST MANAGEMENT.—R. E. Marsh, assistant district forester ; Quincy Randles, assistant.

LOGGING ENGINEERING.—D. M. Lang.



**FOREST PATHOLOGY** (Bureau of Plant Industry).—W. H. Long, consulting pathologist, Albuquerque, N. Mex.

**GRAZING**.—John Kerr, assistant district forester; D. A. Shoemaker, inspector of grazing; R. W. Hussey.

**RESEARCH**.—C. K. Cooperrider, R. F. Copple.

**RECONNAISSANCE**.—R. D. Morris.

**LANDS**.—M. M. Cheney, assistant district forester; R. P. Boone.

**ENGINEERING**.—C. A. Long, district engineer; R. L. Hughes, assistant engineer.

**Drafting**.—F. E. Landon.

**Surveys**.—Thomas F. Myers.

**ROADS**.—C. A. Long, R. L. Hughes.

**PUBLIC RELATIONS**.—John D. Jones, assistant district forester.

## NATIONAL FORESTS

### ARIZONA

**Apache**.—K. C. Kartchner, Springerville (P—Exp. Holbrook); Frank Hiler, assistant supervisor; R. J. Albers, executive assistant.

*Ranger District: Alpine*.—Roy Swapp, Alpine (Exp. Holbrook).

*Blue*.—David S. Marks, Blue (Exp. Holbrook); E. K. Elliott.

*Frisco*.—B. S. Rogers, Reserve, N. Mex. (Exp. Holbrook).

*Greer*.—Jesse T. Fears, Greer (Exp. Holbrook).

*Jewett*.—F. L. McCament, Aragon, N. Mex. (Exp. Holbrook).

*Luna*.—F. N. Ares, Luna, N. Mex. (Exp. Holbrook).

*Mangas*.—H. R. Julian, Mangas, N. Mex. (Exp. Holbrook).

*Nutrioso*.—D. H. Suite, Nutrioso (Exp. Holbrook).

*Tularosa*.—H. S. Palmer, Reserve, N. Mex. (Exp. Holbrook).

**Coconino**.—E. G. Miller, Flagstaff (WU, P); F. L. Kirby, assistant supervisor; Fred Merkle, chief lumberman; A. C. McIntyre, technical assistant; A. B. Young, superintendent of road construction; L. A. Wall, range examiner; P. H. Harley, executive assistant.

*Ranger District: Beaver Creek*.—Walter Hackleman, Camp Verde.

*Bly*.—Frank W. Buster, Winslow.

*Flagstaff*.—E. H. Oldham, Flagstaff; Harold Linn.

*Long Valley*.—W. J. Brown, Camp Verde (Exp. Clarkdale).

*Mormon Lake*.—Roy H. Rice, Flagstaff.

*Munds Park*.—J. I. Bushnell, Cornville (Exp. Clarkdale).

*Rogers Lake*.—Oscar L. McLure, Flagstaff.

*Walnut Canyon National Monument*.—Neal Erickson, Flagstaff.

*Arizona Lumber & Timber Co. Sale*.—Kimberlin Carlisle, lumberman, Flagstaff; R. F. Howell.

*Flagstaff Lumber Co. Sale*.—R. F. Rhinehart, lumberman, Flagstaff; Leonard W. Lewis, A. J. W. Kuppe.

*Ranger at large*.—Chas. N. Lochman.

**Coronado.**—Frederic Winn, Tucson (WU) ; C. W. McKenzie and John C. Roak, assistant supervisors ; C. H. Kissam, superintendent of road construction ; Walter P. Costello, executive assistant.

*Ranger District: Santa Catalina.*—J. A. Frieborn, Oracle (Exp. Tucson).

*Huachuca.*—Robt. Thompson, Elgin.

*Paradise.*—C. B. Scholefield, Rodeo, N. Mex.

*Peloncillo.*—G. E. Galer, Cloverdale, N. Mex. (Exp. Animas, N. Mex.).

*Rincon.*—T. W. Bentley, Vail, Ariz.

*Santa Rita.*—Olaf J. Olson, Greaterville (Exp. Vail).

*Sunset.*—F. D. Harris, Douglas.

*Tumacacori.*—A. S. Wingo, Nogales.

*Dragoon-Whetstone.*—Edwin G. Mettler, Cochise (Exp. Pearce).

**Crook.**—Rex King, Safford (WU) ; C. E. Moore, assistant supervisor ; W. L. Stiles, executive assistant.

*Ranger District: Aravaipa.*—S. A. Sowell, jr., Klondyke (Exp. Safford).

*Baseline-Clifton.*—J. W. Girdner, Clifton.

*Eagle.*—W. E. Wiltbank, Clifton.

*Pinal.*—C. V. Christensen, Globe.

*Queen Creek.*—H. L. Taylor, deputy supervisor, Globe.

*Mount Graham.*—R. D. Rowley, Safford.

*Gila Lumber & Milling Co. Sale.*—E. L. Hamilton, technical assistant.

**Prescott.**—H. Basil Wales, Prescott (WU) ; Robert Munro, assistant supervisor ; H. D. Burrall, superintendent road construction ; Lyman C. Kiddoo, executive assistant.

*Ranger District: Bloody Basin.*—Paul R. Gray, Mayer.

*Cherry.*—Thos. W. Wilkins, Cherry (Exp. Humboldt).

*Crown King.*—Earl C. Albright, Crown King (Exp. Middleton).

*Jerome.*—George Mutz, Prescott.

*Prescott.*—J. C. McNelty, Prescott.

*Skull Valley.*—Robt. V. Boyle, Skull Valley ; Ralph H. Anderson.

*Walnut Creek.*—W. M. Mickelson, Prescott.

**Sitgreaves.**—P. H. Roberts, Holbrook (WU, P) ; L. R. Lessel, assistant supervisor ; C. L. Lincoln, executive assistant.

*Ranger District: Chevalon.*—W. E. Baldwin, Winslow.

*Heber.*—John R. Nelson, Heber (Exp. Holbrook) ; Warren V. Turner.

*Lakeside.*—C. Shumway, Lakeside (Exp. Snowflake).

*Pinedale Park.*—D. E. Slosser, Pinedale (Exp. Holbrook).

*Showlow.*—C. A. Merker, Showlow (Exp. Snowflake).

*Standard Lumber Mills.*—L. S. Kartchner, ranger.



**Tonto.**—T. T. Swift, Phoenix (WU) ; J. H. Sizer, assistant supervisor ; L. E. Anderson, executive assistant.

*Ranger District: Cave Creek.*—Joseph Hand, Cave Creek (Exp. Phoenix).

*Mazatzal.*—A. N. Kay, Roosevelt (Exp. Globe) ; L. E. Redman.

*Payson.*—Fred Croxen, Payson (Exp. Globe).

*Pine.*—R. I. Stewart, Pine (Exp. Globe).

*Pleasant Valley.*—A. F. Bloom, Young (Exp. Globe).

*Salt River.*—A. L. Alexander, Roosevelt (Exp. Globe).

*Sierra Ancha.*—Monta R. Stewart, Globe.

**Tusayan.**—G. W. Kimball, Williams (WU, P) ; W. T. Doherty, assistant supervisor ; M. R. Scott, executive assistant.

*Ranger District: Anita Moqui.*—Arthur Gibson, Williams (Exp. Anita).

*Ash Fork.*—F. J. Cox, Ash Fork.

*Chalender.*—Clyde P. Moore, Parks (Exp. Maine).

*Spring Valley.*—H. C. Hulbert, Parks (Exp. Maine).

*Verde.*—Wilson E. Auman, Puntenney (Exp. Drake).

*Williams.*—T. W. Rice, Williams.

*Saginaw & Manistee Lumber Co. Sale.*—H. E. German, lumberman, Parks ; Ray King and F. J. Monighan, rangers.

#### NEW MEXICO

**Carson.**—Stanley F. Wilson, Taos (WU—Exp. Taos Junction) ; C. R. Dwire, assistant supervisor ; Luis P. Martinez, executive assistant.

*Ranger District: Canjilon.*—L. L. Feight, Canjilon (Exp. Chama).

*Jicarilla.*—James A. Newton, Gobernador (Exp. Dulce).

*Questa.*—J. L. Hughes, Questa (Exp. Jarosa, Colo.).

*San Antone.*—R. L. Ground, Oritz, Colo. (Exp. Antonito, Colo.).

*Servilleta.*—H. W. Naylor, Tres Piedras ; Archie L. Bolander.

*Vallecitos.*—G. L. Wang, La Madera.

*Taos.*—Lloyd A. Brisbin, Taos (Exp. Taos Junction).

*Rio Pueblo.*—E. W. Cottam, Penasco (Exp. Taos Junction).

*Halleck and Howard Lumber Co. Sale.*—H. L. Sundling, technical assistant, La Madera ; A. C. Elmer, scaler.

**Datil.**—F. L. W. Grubb, Magdalena (WU) ; W. J. Anderson, assistant supervisor ; Anna E. Fraser, clerk ; L. F. Cottam, superintendent of road construction.

*Ranger District: Baldwin.*—S. Q. Garst, Datil (Exp. Magdalena).

*Black Range.*—H. Garvin Smith, Fairview (Exp. Engle).

*Elk Mountain.*—E. L. McPhaul, Beaverhead (Exp. Magdalena).

*Magdalena.*—J. A. Simmons, Magdalena.

*Red Rock.*—G. L. Beckwith, Monticello (Exp. Engle).

*Rosedale.*—Louis Ketcham, Magdalena.

*Beaverhead.*—Jewell Wyche, Beaverhead (Exp. Magdalena).

**Gila.**—James A. Scott, Silver City (WU) ; L. J. Putsch, assistant supervisor ; Warren M. Cox, executive assistant.

*Ranger District: Big Burros.*—C. E. Hulbert, Tyrone, N. Mex.

*Black Range.*—Euel R. Nave, Kingston (Exp. Lake Valley).

*Frisco-Mogollon.*—G. H. Currie, Buckhorn (Exp. Silver City) ; I. B. Lash, Mogollon (Exp. Silver City).

*McKenna Park.*—Henry Woodrow, Cliff (Exp. Silver City).

*Mimbres.*—Ben F. Nabours, Mimbres (Exp. Santa Rita).

*Pinos Altos.*—Oscal B. Beckstrom, Pinos Altos (Exp. Silver City).

**Lincoln.**—O. F. Arthur, Alamogordo (WU) ; Simeon Strickland and R. C. Salton, assistant supervisor ; W. C. White, ranger.

*Ranger District: Capitan.*—Vance A. Thomas, Lincoln (Exp. Capitan).

*Cloudcroft.*—W. H. Woods, jr., High Rolls.

*Gallinas.*—G. W. Messer, Corona.

*Guadalupe.*—Lea Beall, Queen (Exp. Carlsbad).

*Mayhill.*—Geo. D. Russell, Mayhill (Exp. Cloudcroft).

*Ruidoso.*—John H. Mims, Glencoe (Exp. Capitan).

*Weed.*—Robert F. Hinchey, Weed (Exp. Cloudcroft).

*White Mountain-Patos.*—Robert B. Ewing, Capitan ; Willard F. Bond.

*Southwestern Lumber Co. Sale.*—Jacob A. Work. Marcia (Exp. Russia).

*Ranger at large.*—R. V. Galt.

**Manzano.**—J. A. Adams, Albuquerque (WU, P) ; Jacob C. Nave, assistant supervisor ; Harold K. Stewart, clerk.

*Ranger District: Sandia.*—R. I. Boone, Albuquerque.

*Mountainair.*—L. H. Laney, Mountainair ; Carl Welch.

*Mount Taylor.*—G. M. Flake, Grants.

*Zuni.*—W. M. Sherman, McGaffey (Exp. Perea).

*Ranger at large.*—L. W. Rogers, Albuquerque, N. Mex.

**Santa Fe.**—Frank E. Andrews, Santa Fe (WU, P) ; M. F. Pincetl, assistant supervisor ; C. W. Simmons and H. O. Cassidy (grazing), technical assistants ; R. W. Pankey, clerk.

*Ranger District: Tesuque.*—W. J. Pinson, Santa Fe.

*Chama.*—J. A. Rodriguez, Gallina (Exp. Espanola) ; Ben Rutherford.

*Santa Clara.*—Perl Charles, Espanola (Exp. Espanola).

*Cuba.*—E. L. Perry, Cuba (Exp. Albuquerque).

**Pecos.**—J. W. Johnson, Pecos (Exp. Glorieta) ; W. H. Koogler.

*Las Vegas.*—M. M. Bruhl, Las Vegas.

*Cochiti.*—A. T. Pfingsten, Bland (Exp. Domingo).

*Colonias.*—F. M. Burton, Pecos (Exp. Glorieta).

*Bandelier National Monument.*—L. D. Lemley, Santa Fe.

## DISTRICT 4

## INTERMOUNTAIN DISTRICT

Utah, southern Idaho, western Wyoming, Nevada, and northwestern Arizona. Office, Forest Service Building, Ogden, Utah.

R. H. RUTLEDGE, district forester.

PUBLIC RELATIONS.—F. S. Baker.

LAW.—Office of the Solicitor (Forest Service branch). Manly Thompson, district law officer.

FINANCE AND ACCOUNTS.—Lee Stratton, district fiscal agent; A. C. Wycoff, deputy.

OPERATION.—C. N. Woods, assistant district forester; C. F. Evans, inspector; Thomas V. Pearson, administrative assistant.

STATE COOPERATION IN FIRE CONTROL.—Idaho; C. B. Morse.

FOREST MANAGEMENT.—C. B. Morse, assistant district forester; L. F. Watts, assistant.

LOGGING ENGINEERING.—U. S. Swartz.

GRAZING.—Ernest Winkler, assistant district forester Dana Parkinson, inspector of grazing.

STUDIES.—J. O. Stewart.

LANDS.—R. E. Gery, assistant district forester; S. B. Locke, technical assistant.

ENGINEERING.—J. P. Martin, district engineer; W. W. Blakeslee, assistant.

MAPS AND SURVEYS.—H. M. Shank.

Drafting.—Geo. L. Nichols.

Entry Surveys.—C. J. Truscott.

ROADS.—J. P. Martin; Frank L. Allen and O. W. Torgeson, assistants.

WATER POWER.—J. P. Martin.

## NATIONAL FORESTS

## ARIZONA

**Kaibab.**—Walter G. Mann, Kanab, Utah (WU—Exp. Marysvale, Utah); Hugh E. Putman, clerk.

*Ranger District: Jacob Lake.*—Leon W. Hornköhl, Kanab, Utah (Exp. Marysvale, Utah).

*Big Springs.*—Benjamin Swapp, Kanab, Utah (Exp. Marysvale, Utah).

## IDAHO

**Boise.**—G. B. Mains, Boise (WU); Arthur Potter, assistant supervisor; J. W. Stokes and Felix C. Koziol, technical assistants; David Laing, ranger; A. L. Moats, clerk.

*Ranger District: Smith Prairie-Danskin.*—Edward E. Poulton, Prairie (Exp. Mountain Home).

*Cottonwood.*—I. M. Varner, Barber (Exp. Boise).

*Idaho City.*—Walter T. Berry, Idaho City (Exp. Boise).

*Atlanta.*—Roscoe R. Davis, Atlanta (Exp. Mountain Home).

*Lowman.*—Warren C. Taylor, Lowman (Exp. Banks).



- Caribou.**—Earl C. Sanford, Montpelier (WU); T. D. Phinney, technical assistant (grazing); Robert W. Strong, clerk.  
*Ranger District: Snake River.*—Camas Nelson, Ririe.  
*Grays Lake.*—Alonzo E. Briggs, Wayan (Exp. Soda Springs).  
*Freedom.*—Charles A. Spackman, Freedom, Wyo. (Exp. Montpelier).  
*Auburn.*—Jesse E. Draney, Auburn, Wyo. (Exp. Montpelier).  
*Soda Springs.*—Arthur Peterson, Soda Springs.  
*Montpelier.*—James B. Bruce, Montpelier.
- Challis.**—E. A. Renner, Challis (WU); Henry L. Smith, clerk.  
*Ranger District: Challis.*—Lewis B. Koch, Challis (Exp. Mackay).  
*Clayton.*—John S. Malm, Clayton (Exp. Mackay).  
*Loon Creek.*—Chas. Daugherty, Stanley (Exp. Mackay).  
*Stanley.*—R. E. Allan, Stanley (Exp. Mackay).  
*Rapid River.*—Merle G. Markle, Stanley (Exp. Mackay).
- Idaho.**—S. C. Scribner, McCall (WU, P); A. A. Casner and J. L. Rutledge, assistant supervisors; Kenneth E. Wilde, technical assistant; F. L. Williams, clerk.  
*Ranger District: Roseberry.*—Lee Kessler, Roseberry (Exp. Donnelly).  
*Meadows.*—F. E. Gray, McCall.  
*Burgdorf.*—N. A. Nann, Burgdorf (Exp. McCall).  
*Warren.*—C. T. Gray, Warren (Exp. McCall).  
*South Fork.*—Jack Geisler, Warren (Exp. McCall).  
*Chamberlain.*—Dan Le Van, Warren (Exp. McCall).  
*Middle Fork.*—Merle Wallace, Warren (Exp. McCall).  
*Lake Fork.*—J. W. Hill, McCall.
- Lemhi.**—Oscar W. Mink, Mackay (WU); I. R. Richardson, clerk.  
*Ranger District: Medicine Lodge.*—Geo. A. Miller, Winsper (Exp. Dubois).  
*Little Lost River.*—J. L. Phillips, Mackay.  
*Pahsimeroi.*—Oscar F. Cusick, May (Exp. Mackay).  
*Antelope.*—Jesse H. Olsen, Grouse (Exp. Mackay).  
*Wildhorse.*—Robert B. Johnson, Mackay.
- Minidoka.**—S. S. Stewart, Burley (WU); Evelyn Ferrin, clerk.  
*Ranger District: Cassia West.*—C. E. Jensen, Rogerson.  
*Cassia East.*—E. E. Stock, Oakley.  
*Albion Mountain.*—M. F. Youngblood, Elba (Exp. Oakley).  
*Raft River-Black Pine.*—C. F. R. Boosinger, Naf (Exp. Kelton, Utah).  
*Sublett-Black Pine.*—Bert Mahoney, Sublett (Exp. Burley).
- Payette.**—W. B. Rice, Emmett (WU); F. S. Moore and Francis Wallis, assistant supervisors; Clark Miles and Thos. W. McKinley, technical assistants; J. T. Thorkelson, clerk.  
*Ranger District: West Mountain.*—Andrew L. Bunch, Smiths Ferry.  
*Garden Valley.*—J. D. Parker, Garden Valley (Exp. Banks).  
*Deadwood-Bear Valley.*—L. N. Wellman, Cascade.  
*Long Valley.*—Elmer C. Ross, Cascade.  
*Penn Basin.*—Horace J. Burr, Cascade.  
*Johnson Creek.*—John R. Routson, Cascade.  
*Middle Fork of Salmon.*—A. C. Walker, Cascade.

**Salmon.**—John N. Kinney, Salmon (WU); H. G. McPheters, assistant supervisor; W. B. Crites, executive assistant.

*Ranger District: Indianola.*—Neale E. Poynor, Northfork (Exp. Salmon).

*Hughes Creek.*—Allen H. Wheeler, Northfork (Exp. Salmon).

*Salmon.*—D. E. Romano, Salmon.

*Forney.*—R. E. Green, Leesburg (Exp. Salmon).

*Lemhi.*—Otis W. Slaven, Lemhi.

*Leadore.*—Thos. A. Jerrell, Leadore (Exp. Leadore).

*Middle Fork.*———, Forney, Idaho.

**Sawtooth.**—M. S. Benedict, Hailey (WU); Richard F. Bowman, clerk.

*Ranger District: Greenhorn.*—N. C. Jensen, Hailey.

*Flowers.*—Arthur H. Berry, Ketchum.

*Pole Creek.*—W. H. Horton, Ketchum.

*Soldier.*—J. E. Minear, Fairfield.

*Shake Creek.*—Ora J. Shaw, Featherville (Exp. Mountain Home).

**Targhee.**—S. W. Stoddard, St. Anthony (WU); David A. Arrivee, assistant supervisor; Theresa B. Harris, clerk.

*Ranger District: Spencer.*—Ray Pickett, Spencer.

*Big Springs.*—Ira Latham, Guild.

*Ashton.*—Lemuel Steele, jr., Ashton.

*Porcupine.*—Leo J. Hutson, Ashton.

*Rapid Creek.*—Francis Moss, Driggs.

*Victor.*—Claud C. Shannon, Victor.

*Hawley Gulch.*—Thornton G. Taylor, Heise (Exp. Rigby).

*Swan Valley.*—T. D. Cowan, Swan Valley.

**Weiser.**—J. Raphael Weiser (WU); ———, assistant supervisor; Harley J. Helm, assistant range examiner; Geo. L. Rigdon, clerk.

*Ranger District: Price Valley.*—Robert E. Clabby, Council.

*Council.*—Elmer C. Ross, Council.

*Brownlee.*—H. T. Burr, Cambridge.

*Hornet.*—Willard A. McDowell, Council.

*Bear.*—Ethel H. Fears, Bear (Exp. Council).

#### NEVADA

**Humboldt.**—Alexander McQueen, Elko (WU, P); C. E. Brackett, assistant supervisor; Ona S. Harbin, clerk.

*Ranger District: Independence.*—Charles E. Butler, Tuscarora (Exp. Elko).

*Mountain City.*—W. B. Hamlin, Mountain City (Exp. Elko).

*Gold Creek.*—Thos. J. Wells, Gold Creek (Exp. Elko).

*Jarbidge.*—L. E. McKenzie, Jarbidge (Exp. Rogerson).

*North Ruby.*—A. C. Rohwer, Arthur (Exp. Deeth).

*South Ruby.*—W. K. Secrest, Jiggs (Exp. Elko).

*Paradise Valley.*—Paul L. Travis, Paradise Valley (Exp. Winnemucca).

*Quinn River.*—Paul L. Travis, Rebel Creek (Exp. Winnemucca).



**Nevada.**—Chas. A. Beam, Ely (WU) ; Joseph R. Holmberg, clerk.

*Ranger District: Baker.*—Geo. E. Moore, Baker (Exp. Ely).

*Currant.*—Thomas A. Windoms, Preston (Exp. Ely).

*Spring Valley.*—Lloyd Robison, Aurum (Exp. Ely).

**Toiyabe.**—James E. Gurr, Austin (WU, P) ; Evelyn Pendery, clerk.

*Ranger District: Manhattan.*—Phil Kennedy, Round Mountain (Exp. Austin).

*Potts.*—James J. Muir, Potts (Exp. Austin).

*Reese River.*—A. P. Paulsen, Reese River (Exp. Austin).

*Kingston.*—A. R. Torgerson, Austin.

#### UTAH

**Ashley.**—A. G. Nord, Vernal (WU) ; June P. Allan, clerk.

*Ranger District: Manila.*—A. A. Hardy, Manila (Exp. Green River, Wyo.).

*Vernal.*—H. O. Van Tassell, Vernal.

*Lonetree.*—Glen A. Lambert, Lonetree, Wyo. (Exp. Carter, Wyo.).

*Whiterocks.*—Geo. W. Walkup, Whiterocks (Exp. Price).

*Lake Fork.*—Clyde Lambert, Altonah (Exp. Price).

**Cache.**—Carl B. Arentson, Logan (WU) ; Wm. M. Mace, assistant supervisor ; Margaret E. Jensen, clerk.

*Ranger District: Logan River.*—H. I. Rice, Logan.

*Laketown.*—W. H. Campbell, Laketown (Exp. Paris, Idaho).

*Paris.*—W. S. Averill, Paris, Idaho.

*Cub River.*—S. Bryson Cook, Minkcreek, Idaho (Exp. Preston, Idaho).

*Pocatello-Portneuf.*—S. R. Justice, Pocatello, Idaho.

*Oxford and Elkhorn.*—H. M. Peterson, Malad, Idaho.

**Dixie.**—Orange A. Olsen, Cedar City (WU) ; Alfred P. Larson, clerk.

*Ranger District: Enterprise.*—James H. Baldwin, Enterprise (Exp. Modena).

*Leeds.*—Samuel A. Macfarlane, Leeds (Exp. Cedar City).

*Little Valley.*—Earl V. Storm, Parowan (Exp. Cedar City).

*Lowder.*—Frank W. Seaman, Cedar City.

*Harris Flat.*—William M. Hurst, Panguitch (Exp. Marysvale).

**Fishlake.**—C. A. Mattsson, Richfield (WU) ; Allen C. Folster, assistant supervisor ; Milo H. Deming, assistant range examiner ; Edna Baker, clerk.

*Ranger District: Scipio.*—Bert L. Robins, Scipio (Exp. Juab).

*Fillmore.*—James Jensen, Fillmore (Exp. Oasis).

*Koosharem.*—Milo T. Dyches, Monroe (Exp. Elsinore).

*Belknap.*—H. M. Christensen, Sevier.

*Loa.*—Albert Albertson, Loa (Exp. Sigurd).

*Fishlake.*—Chester Olsen, Koosharem (Exp. Sigurd).

*Mountain Ranch.*—John Barnard, Salina.

*Big Flat.*—Blaine Betensen, Beaver (Exp. Milford).

**La Sal.**—Lewis T. Quigley, acting supervisor, Moab (WU) ; Muriel A. Fifield, clerk.

*Ranger District: Mesa.*—S. Cooper Smith, Moab (Exp. Thompson).  
*Monticello.*—Robert H. Park, Monticello (Exp. Thompson).

*Grayson.*—Marion P. Hunt, Blanding (Exp. Thompson) ; A. J. Germaine.

**Manti.**—J. W. Humphrey, Ephraim (WU) ; S. S. Van Boskirk, clerk.

*Ranger District: Mount Baldy.*—Edward P. Cox, Manti.

*Clay Springs.*—D. H. Williams, Emery (Exp. Price).

*Seely Creek.*—Wells Thursby, Ephraim.

*Bear Creek.*———, Huntington (Exp. Price).

*Mammoth.*—Seth H. Ollerton, Fairview.

*Joe's Valley.*—P. M. V. Anderson, Orangeville (Exp. Price).

**Powell.**—Wallace M. Riddle, Panguitch (WU) ; C. D. Emory, clerk.

*Ranger District: Rabbit Valley.*—Wilford Bentley, Teasdale (Exp. Salina).

*Escalante.*—Elbert L. Cox, Escalante (Exp. Marysvale).

*Johns Valley.*—Thos. C. Haycock, Widtsoe (Exp. Marysvale).

*East Fork.*—Leland D. Heywood, Panguitch (Exp. Marysvale).

*Adams Head.*—J. Leo Keller, Circleville (Exp. Marysvale).

**Uinta.**—Chas. DeMoisy, jr., Provo (WU) ; Walter M. Campbell, executive assistant ; E. G. Wieseuegel, technical assistant ; A. R. Standing, junior range examiner.

*Ranger District: Duchesne.*—A. F. Richards, Duchesne.

*Springville.*—Parley C. Madsen, Springville.

*Soldier Summit.*—Geo. C. Larson, Spanish Fork.

*Currant Creek.*—Merrill Nielson, Heber.

*Lake Creek.*—Edson J. Adair, Heber.

*Hanna.*—R. A. Beauchamp, Hanna (Exp. Duchesne or Park City).

*Nebo.*—A. P. Christiansen, Nephi.

**Wasatch.**—E. C. Shepard, Salt Lake City (WU, P) ; F. H. Eyre, assistant supervisor ; C. J. Stevenson, clerk.

*Ranger District: Big Cottonwood.*—George A. Green, jr., Sandy (Exp. Midvale).

*American Fork.*—Vivian N. West, Pleasant Grove.

*Salt Lake, Grantsville, and Vernon.*—William W. Smith, Murray.

*Kamas.*—Morgan Parke, Kamas (Exp. Park City).

*Blacks Fork.*—Lawrence H. Garner, Evanston, Wyo. (Exp. Carter, Wyo.).

#### WYOMING

**Teton.**—A. C. McCain, Jackson (WU) ; G. M. O'Neill, clerk.

*Ranger District: Buffalo.*—Richard H. Ohl, Elk (Exp. Victor, Idaho).

*Blackrock.*—Rudolph Rosencrans, Elk (Exp. Victor, Idaho).

*Faler.*—Roy Conner, Daniel (Exp. Opal).

*Horsetail.*—C. E. Dibble, Kelly (Exp. Victor, Idaho).

*Jackson.*—Felix Buchenroth, Jackson (Exp. Victor, Idaho).

*Stewart.*—Charles S. Horel, Moose (Exp. Victor, Idaho).

*Lee.*—Earle W. Harris, Wilson (Exp. Victor, Idaho).

**Wyoming.**—C. E. Favre, Kemmerer (WU); J. W. Farrell, assistant supervisor; P. A. Paulson, technical assistant; C. H. McDonald, junior range examiner; Alan Richards, clerk.

*Ranger District: Kelly.*—Robert S. Dalley, Cokeville.

*Snyder Basin.*—J. J. Albano, Big Piney (Exp. Opal).

*Sherman.*—Leo E. Fest, Merna (Exp. Opal).

*Bedford.*—Fred Graham, Afton (Exp. Montpelier, Idaho).

*Afton.*—O. A. Harrison, Afton (Exp. Montpelier).

*Kendall.*—Harry A. Cheeseman, Kendall (Exp. Rock Springs).

*Willow Creek.*—H. A. Shannon, Cora (Exp. Rock Springs).

*Fremont.*—Ernest E. McKee, Pinedale (Exp. Rock Springs).

*Tie Sale.*—O. M. Wood and A. L. Taylor, rangers.

## DISTRICT 5

### CALIFORNIA DISTRICT

California and southwestern Nevada. Office, Ferry Building. San Francisco, Calif.

STUART B. SHOW, district forester.

LAW.—Office of the Solicitor (Forest Service branch). H. P. Dechant, district law officer.

FINANCE AND ACCOUNTS.—A. W. Smith, district fiscal agent; P. A. Tucker, deputy.

OPERATION.—Robert L. Deering, assistant district forester; L. W. Hess, assistant.

PERSONNEL, INSPECTION, AND IMPROVEMENTS.—Paul P. Pitchlynn.

FIRE CONTROL.—E. I. Kotok.

STATE COOPERATION IN FIRE CONTROL AND DISTRIBUTION OF FOREST PLANTING STOCK.—California: E. I. Kotok.

MAINTENANCE.—E. H. Schmieder.

Minor Roads and Trails.—C. E. Jordan, W. A. Huestis, and F. E. Wooldridge.

TELEPHONE ENGINEERING.—F. H. Hafley.

FOREST MANAGEMENT.—T. D. Woodbury, assistant district forester; C. E. Dunston, assistant.

LOGGING ENGINEERING.—J. H. Price and J. R. Berry.

TIMBER SALES, FIELD SUPERVISION.—J. C. Elliott.

TIMBER SURVEYS.—O. M. Evans.

FOREST PATHOLOGY (Bureau of Plant Industry).—E. P. Meinecke and Willis W. Wagener.

FOREST INSECT INVESTIGATIONS (Bureau of Entomology).—H. E. Burke and J. M. Miller (Stanford University, Calif.), consulting entomologists.

GRAZING.—Jesse W. Nelson, assistant district forester; Fred P. Cronemiller, assistant range examiner.

LANDS.—L. A. Barrett, assistant district forester; George Miller, assistant.

MINERAL EXAMINATION, LAND CLASSIFICATION, AND ENTRY SURVEYS.—W. H. Friedhoff.



**RESEARCH.**———, silviculturist; Duncan Dunning, associate silviculturist.

**FOREST PRODUCTS.**—C. L. Hill, chief of office; I. V. Anderson, assistant.

**ENGINEERING.**—F. E. Bonner, district engineer.

**MAPS AND SURVEYS.**———.

**Drafting.**—H. A. Sedelmeyer.

**ROADS.**—Bruce B. Burnett, Don M. Hoffman, J. H. Lawrence.

**WATER POWER.**—E. W. Kramer, S. H. Ketcham.

**PUBLIC RELATIONS.**—Wallace I. Hutchinson, assistant district forester.

**EXHIBITS.**—Paul J. Fair.

## NATIONAL FORESTS

### CALIFORNIA

**Angeles.**—Geo. H. Cecil, Los Angeles (WU, P); L. H. Anderson, assistant supervisor; Earl V. Lackey, executive assistant.

*Ranger District: Arroyo Seco-Fernando.*—B. L. Coulter, Pasadena.

*Monrovia and West Fork.*—M. H. Davis, Roberts Camp (Exp. Sierra Madre).

*Mount Baldy.*—A. T. Shay, Glendora.

*Saugus.*—N. E. Peterson, Newhall.

*Valyermo.*—L. H. Dorr, Valyermo (Exp. Palmdale).

**California.**—J. D. Coffman, Willows (WU); W. F. Derby, assistant supervisor; Robert J. Settles, executive assistant.

*Ranger District: Covelo.*—Douglas Robinson, Covelo (Exp. Dos Rios).

*Paskenta.*—Everett Smith, Paskenta (Exp. Corning).

*Stonyford.*—R. G. Stites, Stonyford (Exp. Maxwell).

*Upper Lake.*—M. W. Durham, Upper Lake (Exp. Ukiah).

**Cleveland.**—J. E. Elliott, San Diego (P); Lura S. Gyllstrom, clerk.

*Ranger District: Descanso.*—C. W. Beardsley, Descanso.

*Palomar.*—J. L. Ozanne, Aguanga.

*Trabuco.*—J. B. Stephenson, Corona; E. W. Searcy, San Juan Capistrano.

**Eldorado.**—E. F. Smith, Placerville (WU); Russell S. Bacon, technical assistant; Margaret J. Ward, clerk.

*Ranger District: Calder.*—A. W. Hughes, Jackson.

*Georgetown.*—R. C. M. Berriman, Georgetown (Exp. Placerville); James J. Price.

*Pacific.*—M. D. Morris, Camino (Exp. Placerville); R. R. Bryan.

**Inyo.**—Roy Boothe, Bishop (WU); H. H. Simpson, ranger; C. M. Gwin, clerk.

*Ranger District: Big Pine.*—L. H. Brainerd, Big Pine.

*Mammoth.*—F. E. McMurphy, Bishop.

*Mount Whitney.*—W. E. Hotelling, Lone Pine.

*White Mountain.*—Guy S. Way, Bishop.



**Klamath.**—F. D. Douthitt, Yreka (WU) ; Perry J. Hill, assistant supervisor ; Marc W. Edmonds, technical assistant ; Jno. D. Myers, clerk.

*Ranger District: Happy Camp.*—Thomas L. Carter, Happy Camp (Exp. Hornbrook).

*Orleans.*—E. P. Hickey, Orleans (Exp. Eureka).

*Sawyers Bar.*—Thomas A. Bigelow, Sawyers Bar (Exp. Yreka).

*Scott River.*—George B. Young, Scott Bar (Exp. Yreka).

*Yreka.*—Charles H. Simson, Yreka.

**Lassen.**—W. G. Durbin, Susanville (WU) ; Geo. M. Gowen, assistant supervisor ; A. E. Wieslander and B. O. Hughes, technical assistants ; V. S. Brown, lumberman ; Earl E. Bachman, ranger ; J. A. O'Connell, executive assistant.

*Ranger District: Bogard.*—E. V. Patterson, Susanville.

*Coppervale.*—E. R. McClard, Westwood.

*Hat Creek.*—Reuben P. Box, Hat Creek (Exp. Redding).

*Magalia.*—F. B. Delaney, Magalia.

*Mineral.*—W. S. Williams, Mineral.

**Modoc.**—George W. Lyons, Alturas (WU) ; Lee R. DeCamp, ranger (grazing) ; Orville P. Burnett, technical assistant ; Wayne E. Hogue, executive assistant.

*Ranger District: Big Valley.*—A. W. Bramhall, Adin (Exp. Alturas).

*Devils Garden.*—J. C. Davis, Alturas.

*Happy Camp-Doublehead.*—Ivan A. Cuff, Canby (Exp. Alturas) ; Curtis A. Higgins, Malin, Oreg. (Exp. Klamath Falls, Oreg.).

*North Warners.*—L. L. Smith, Willow Ranch.

*South Warners.*—Oscar L. Barnum, Cedarville (Exp. Alturas).

**Plumas.**—D. N. Rogers, Quincy (WU) ; John T. Gray, assistant supervisor ; John S. Everitt and John C. Sammi, technical assistants ; F. H. Schott, scaler ; Richard L. Wiley, executive assistant.

*Ranger District: Beckwith.*—A. E. Gould, Blairsden.

*Greenville.*—H. F. Wilcox, Greenville (Exp. Crescent Mills).

*LaPorte.*—Wm. Hayes, LaPorte (Exp. Oroville).

*Merrimac.*—Edward G. Madsen, Merrimac (Exp. Oroville).

*Milford.*—Bruce Torgny, Milford (Exp. Doyle).

*Quincy.*—H. A. Kloppenburg, Quincy.

*Yellow Creek.*—W. C. Bader, Chester (Exp. Crescent Mills).

**San Bernardino.**—S. A. Nash-Boulden, San Bernardino (WU, P) ; Fred J. Jeken, assistant supervisor ; H. H. Hunt, ranger (special uses) ; H. V. Beeks, executive assistant.

*Ranger District: Cajon.*—H. F. Burbank, Cajon ; O. H. DuBois.

*Arrowhead.*—C. A. Morris, Del Rosa (*summer*, Lake Arrowhead) ; F. W. Funke.

*Big Bear.*—Ray McCormick, Pine Knot.

*Mill Creek.*—J. H. Sanborn, Mentone ; B. W. Switzer.

*San Jacinto.*—L. J. Cranston, Hemet ; J. H. Hayden.

**Santa Barbara.**—Wm. V. Mendenhall, Santa Barbara (WU, P); Frank A. Robinson, assistant supervisor; Judell M. Samon, ranger (grazing); Chlo S. Hubbs, clerk.

*Ranger District: Coast and Santa Ynez.*—Frank E. Dunne, Santa Barbara.

*San Luis.*—Curtis E. Branson, Arroyo Grande.

*Zaca.*—J. J. Libeu, Los Olivos.

*Cuyama.*—Jacinto D. Reyes, Scheideck (Exp. Maricopa).

*Monterey.*———, King City.

*Ojai.*—Harry R. Valentine, Ojai.

*Tejon.*—V. C. DeLapp, Gorman (Exp. Lancaster).

**Sequoia.**—Frank P. Cunningham, Porterville (WU, P); T. C. West, assistant supervisor; Geo. W. Buxton, executive assistant.

*Ranger District: Breckenridge.*—Frank McCaslin, Caliente.

*Cannell Meadow.*—W. J. Brown, Isabella (Exp. Caliente).

*Deer Creek.*—Westley H. Rhodehamel, California Hot Springs (Exp. Ducor); Ben Beard.

*Greenhorn.*—Robert J. Beard, Glenville (Exp. Bakersfield).

*Kings Canyon.*—Ray Stevenson, Badger (Exp. Cutler); Neil Perkins.

*Tule River.*—Wesley Snider, Springville.

**Shasta.**—Thomas J. Jones, Mount Shasta (WU, P); Belknap C. Goldsmith, logging engineer; Leonard F. Kellogg, technical assistant; Carrie E. Durst, clerk.

*Ranger District: McCloud.*—Earl F. Sullaway, McCloud; Frank R. Allen.

*Pit.*—Frank Myers, Fall River Mills (Exp. Redding).

*Sacramento.*—Leslie T. Solaro, Mount Shasta.

*Scott.*—F. H. Williams, Callahan (Exp. Gazelle).

*Squaw Creek.*—William H. Spargo, Winthrop (Exp. Bully Hill).

*Trinity.*—A. E. Noren, Trinity Center (Exp. Redding).

**Sierra.**—M. A. Benedict, Northfork (WU—Exp. Fresno); Walter E. Jotter and J. E. Pemberton, jr., technical assistants; John M. Hughes, ranger; Roy H. Blood, executive assistant.

*Ranger District: High Sierra.*—James U. Poore, Pineridge (Exp. Cascada).

*Kings River.*—Isaac R. Bays, Pineridge (Exp. Cascada).

*Mariposa.*—Eldredge Westfall, Nipinnawasee (Exp. Raymond).

*Northfork.*—Audie K. Wofford, Northfork (Exp. Fresno); E. S. Mainwaring.

*Pineridge.*—Frank M. Sweeley, Big Creek (Exp. Cascada); David P. Nicholson.

*Minaret.*—Malcolm McLeod, Northfork.

**Stanislaus.**—J. R. Hall, Sonora (WU); Claude K. Barker, assistant supervisor; W. S. Price, lumberman; M. R. Brundage and Robert M. Riley, technical assistants; P. D. Hook, ranger; Florence G. Chamberlain, clerk.

*Ranger District: American Camp.*—P. Y. Lewis, Columbia (Exp. Sonora).

*Calaveras.*—C. L. Boothe, Murphy (Exp. Angeles Camp).

*Center Camp.*—B. F. Tyler, Confidence (Exp. Sonora); M. E. Williams.

*Riverside.*—A. E. Freer, Tuolumne.

*Tuolumne.*—R. L. Kloppenburg, Groveland (Exp. Sonora); W. S. Stover.

**Tahoe.**—R. L. P. Bigelow, Nevada City (WU); Fred J. Dooley, lumberman; Millard M. Barnum and Leland S. Smith (grazing), technical assistants; William M. Gracey, executive assistant.

*Ranger District: Camptonville.*—C. E. Whittum, Camptonville (Exp. Nevada City).

*Downieville.*—George E. King, Goodyears Bar (Exp. Nevada City).

*Emigrant Gap.*—C. F. Hurst, Cisco.

*Foresthill.*—E. P. Gleason, Foresthill (Exp. Colfax).

*North Bloomfield.*—Carl T. Larsen, North Bloomfield (Exp. Nevada City).

*Sierraville.*—F. A. Land, Sierraville (Exp. Loyalton).

*Truckee.*—H. L. Snider, Truckee; J. A. McIntosh.

**Trinity.**—B. H. Mace, Weaverville (WU); Frank Price, assistant supervisor; Nellie M. Hennessy, clerk.

*Ranger District: Hayfork and Hyampom.*—Harry Everest, Hayfork (Exp. Weaverville); Jas. N. McKnight, Hyampom.

*Lower Trinity.*—F. A. Graham, Salyer (Exp. Korb).

*Upper Trinity.*—W. C. Graham, Weaverville.

*Mad River.*—George R. Schrader, Ruth (Exp. Carlotta).

*Yola Bola.*—Alva Tracy, Knob (Exp. Redding).

#### NEVADA

**Mono.**—Wm. M. Maule, Minden (WU); Walter S. Young, clerk.

*Ranger District: Alpine.*—W. J. Clark, Markleville, Calif. (Exp. Minden).

*Bridgeport.*—H. W. Atcheson, Bridgeport, Calif. (Exp. Minden).

*Mono Lake.*—W. E. Green, Mono Lake, Calif. (Exp. Minden).

*Sweetwater.*—W. J. Brokenshire, Sweetwater (Exp. Minden).



## DISTRICT 6

## NORTH PACIFIC DISTRICT

Washington and Oregon. Office, Post Office Building, Portland, Oreg.  
C. M. GRANGER, district forester.

LAW.—Office of the Solicitor (Forest Service branch). W. F. Staley, district law officer.

FINANCE AND ACCOUNTS.—A. H. Cousins, district fiscal agent; H. J. Weil, deputy.

OPERATION.—A. O. Waha, assistant district forester; Shirley Buck, assistant.

FIRE CONTROL.—W. B. Osborne, jr.

IMPROVEMENTS, MINOR ROADS, AND TRAILS.—F. H. Brundage and T. P. Flynn.

TELEPHONE ENGINEERING.—C. M. Allen.

LAW ENFORCEMENT.—T. M. Talbott.

INSPECTION OF PROTECTION OF OREGON & CALIFORNIA RAILROAD LANDS.—E. H. MacDaniels.

STATE COOPERATION IN FIRE CONTROL AND DISTRIBUTION OF FOREST PLANTING STOCK.—Washington and Oregon; E. H. MacDaniels and T. M. Talbott.

MAINTENANCE.—H. G. Whitney.

FOREST MANAGEMENT.—Fred Ames, assistant district forester; W. F. Ramsdell, assistant.

LOGGING ENGINEERING.—Bruce E. Hoffman, Geo. L. Drake, and O. F. Ericson.

TIMBER SALES, FIELD SUPERVISION.—G. E. Stevenson.

TIMBER SURVEYS.—Fred A. Matz, E. J. Schlatter, and C. W. Kline.

INSECT CONTROL.—A. J. Jaenicke.

FOREST INSECT INVESTIGATIONS (Bureau of Entomology).—F. P. Keene and J. E. Patterson, Klamath Falls, Oreg., consulting entomologists.

FOREST PATHOLOGY (Bureau of Plant Industry).—John S. Boyce; H. G. Lachmund, assistant pathologist.

PLANTING AND FOREST INVESTIGATIONS.—J. F. Kimmel and E. J. Hanzlik.

GRAZING.—E. N. Kavanagh, assistant district forester.

RESEARCH.—D. C. Ingram.

RECONNAISSANCE.—J. L. Peterson.

LANDS.—C. J. Buck, assistant district forester; F. W. Cleator and W. M. H. Woodward.

LAND EXCHANGES.—Ryle Teed and Adolph Nilsson.

ENGINEERING.—Philip H. Dater, district engineer.

MAPS AND SURVEYS.—J. Frankland and Lage Wernstedt.

Drafting.—V. H. Flach.

ROADS.—Philip H. Dater, Cecil A. Lord.

WATER POWER.—Philip H. Dater.

**PRODUCTS.**—W. H. Gibbons; A. H. Hodgson and H. M. Johnson, assistants.

**PUBLIC RELATIONS.**—John D. Guthrie, assistant district forester; Geo. E. Griffith, assistant.

**LIBRARY.**—E. M. Stone.

## NATIONAL FORESTS

### OREGON

**Cascade.**—N. F. Macduff, Eugene (WU, P); R. F. Grefe, superintendent of construction; A. T. Moses, clerk.

*Ranger District: McKenzie Bridge.*—S. L. Taylor, McKenzie Bridge.

*West Boundary.*—H. J. Engles, Landax.

*Oakridge.*—C. B. McFarland, Oakridge; W. M. Reinhardt.

*Timber Sale.*—H. E. Haefner; C. F. Allen and Otto Lindh, scalers, Westfir.

**Crater.**—H. B. Rankin, Medford (WU, P); Will J. Sproat and Lee P. Brown, technical assistants; W. L. Jones, ranger; E. V. Cook, clerk.

*Ranger District: Rogue River.*— ———, Trail.

*Butte Falls-Dead Indian.*—E. J. Rogers, Medford.

*Applegate.*—Lee C. Port, Jacksonville.

*Klamath.*—F. F. Murray, Rocky Point.

*Timber Sale.*—J. D. Holst, G. H. West, R. U. Cambers, and S. A. Moore, lumbermen; J. E. Gribble, A. T. Poole, and E. S. Holderman, rangers.

**Deschutes.**— ———, Bend (WU, PT & T); W. O. Harriman, assistant supervisor; J. W. Collette, executive assistant.

*Ranger District: Bend.*—R. C. Burgess, Bend.

*Sisters.*—P. A. South, Sisters.

*La Pine.*— ———, La Pine.

*Crescent.*—Sanford Floe, Crescent.

*Fort Rock.*—Ben Smith, Fort Rock.

*Timber Sale.*—W. J. Perry, lumberman; E. J. Schlatter and Leslie Colvill, technical assistants.

**Fremont.**—Gilbert D. Brown, Lakeview (WU, Reno, Nev., P); Lawrence Frizzell, assistant supervisor; Norman C. White, ranger.

*Ranger District: Warner.*—P. V. Ingram, Lakeview.

*Dog Lake.*—J. G. C. Elgan, Lakeview.

*Bly.*—Everett Lynch, Lakeview.

*Paisley.*—Karl Langfield, Paisley; G. L. Kane, ranger.

*Silver Lake.*—Wm. A. LaSater, Silver Lake.

**Malheur.**—Walt L. Dutton, John Day (WU); Carl Ewing, assistant supervisor; R. B. Pierpont, superintendent of construction; R. W. Putnam, technical assistant; A. J. Radigan, ranger; M. F. Hennen, clerk.

*Ranger District: Crane Prairie.*—F. V. Bradford, Prairie City.

*Logan Valley.*—J. C. Scharff, John Day.

*Crow Flat.*—G. C. Blake, Burns.

*Bear Valley-John Day.*—H. R. Elliott and Gilbert Hutchins, John Day.

*Hiyu.*—M. O. Timms, Long Creek.

**Mount Hood.**—T. H. Sherrard, Portland (WU, P); R. T. Carter, fire assistant; H. D. Foster, technical assistant; F. E. Williamson, jr., ranger; M. V. Livingston, executive assistant.

*Ranger District: Hood River.*—S. C. Walters, Mount Hood.

*Columbia.*—E. W. Wheeler, Cascade Locks.

*Bull Run.*—Raymond E. Smith, Welches.

*White River.*—Eric H. Gordon, Dufur; Wm. H. Smith.

*Clackamas.*—Joe A. Graham, Wapinitia.

*Collawash.*———, Estacada.

*Eagle Creek Forest Camp.*—Albert Wiesendanger, Cascade Locks.

**Ochoco.**—V. V. Harpham, Prineville (WU, PT & T); W. A. Donnelly, assistant supervisor; Hattie W. Goodknight, clerk.

*Ranger District: Bearer-Maury.*—C. S. Congleton, Paulina.

*Mill Creek.*—J. O. F. Anderson, Prineville.

*Lookout-Pisgah.*—Lee Blevins, Prineville.

*Antone.*—Ralph Elder, Mitchell.

*Snow Mountain.*—E. W. Donnelly, Suplee.

**Santiam.**—C. C. Hall, Albany (WU, P); H. G. White, assistant supervisor; Ivy I. Boeck, clerk.

*Ranger District: Detroit.*—R. A. Elliott, Detroit.

*Cascadia.*—J. R. Blake, Cascadia; L. D. Bailey.

*Timber Sale.*—F. W. Stahlman, Detroit; F. A. Davis and R. J. Whaite, rangers.

**Siskiyou.**—A. H. Wright, Grants Pass (WU, P); M. M. Lewis, assistant supervisor; A. G. Jackson, technical assistant; F. I. Abrams, clerk.

*Ranger District: Port Orford.*—L. J. Cooper, Powers.

*Agness.*—P. N. Stephenson, Agness.

*Galice.*—A. W. Borigo, Merlin.

*Page Creek.*—J. P. DeWitt, Takilma; G. W. Beers.

*Chetco.*—R. O. Park, Harbor.

*Gasquet.*—G. S. Case, Waldo.

**Sluslaw.**—Ralph S. Shelley, Eugene (WU, P); A. R. Wilcox, technical assistant; H. H. Long, clerk.

*Ranger District: Hebo.*—L. E. Garwood, Hebo.

*Waldport.*—Geo. P. McClanahan, Waldport.

*Florence.*—D. H. Dickerson, assistant ranger, Florence.

*Gardiner.*—M. H. Durbin, Gardiner.

*Mapleton.*—E. S. Kerby, Mapleton.

*Timber Sale.*—M. S. Durbin, scaler, Eugene.

**Umatilla.**—J. F. Irwin, Pendleton (WU, P); F. V. Horton, assistant supervisor; J. M. Mann, superintendent of construction; Robert W. Thomas, clerk.

*Ranger District: Asotin.*—A. W. Armstrong, Pomeroy, Wash.

*Touchet.*—W. H. Kendall, Dayton, Wash.

*Walla Walla.*—Albert Baker, Walla Walla, Wash.

*Meacham.*—Gerald J. Tucker, La Grande.

*Heppner.*—J. G. Clouston, S. R. Woods, Parkers Mill.

*Ukiah.*—W. W. Allison, Ukiah.

*Timber Sale.*—Allard Shipman, scaler.



**Umpqua.**—Carl B. Neal, Roseburg (WU, P); George A. Bonebrake, assistant supervisor; O. C. Houser, ranger; D. N. Matthews, technical assistant; Gertrude S. Coble, clerk.

*Ranger District: Bohemia.*—Raymond Engles, Disston.

*North Umpqua.*—Fred Asam, Glide.

*South Umpqua.*—C. F. Ritter, Tiller.

*Quartz Mountain.*—Charles H. Thurston, jr., Glide.

*Diamond Lake.*—H. A. Ritter, Roseburg.

**Wallowa.**—Nelson J. Billings, Wallowa (WU); D. A. Christianson, technical assistant; C. H. Thorp, executive assistant.

*Ranger District: Bear Creek.*—L. A. Carpenter, Wallowa.

*Joseph.*—J. F. McClain, Joseph.

*Imnaha.*—W. G. Miller, Imnaha.

*Snake River.*—W. G. Miller, Imnaha.

*Chesnimnus.*—E. E. Birkmaier, Enterprise.

*Sled Springs.*—L. A. Carpenter, Wallowa.

*Timber Sale.*—Geo. Donaldson, lumberman; G. L. Smith and W. R. Farnham, rangers.

**Whitman.**—John C. Kuhns, Baker (WU); P. A. Thompson, assistant supervisor; I. E. Jones, superintendent of construction; F. W. Furst, Fred D. Monroe, M. R. Harris (grazing), technical assistants; H. J. Stratford, executive assistant.

*Ranger District: Sumpter.*—Rolland Huff, Sumpter.

*North Powder.*—A. G. Angell, North Powder.

*Desolation.*—Geo. O. Langdon, Ukiah.

*Austin.*—Dan W. Fisk, Austin.

*Burnt River.*—Lloyd M. Judy, Unity.

*Pine.*—Robert H. Harper, Halfway.

*Eagle.*—Clyde O. Bloom, Medical Springs.

*Grande Ronde.*—Keith H. McCool, Cove.

*Timber Sale.*—W. C. Waterbury, lumberman; Robert K. Winters, L. J. Wirth, and W. S. Mead, rangers; W. E. Barnett, assistant ranger.

#### WASHINGTON

**Chelan.**—P. T. Harris, Okanogan (WU, PT & T); G. E. Mitchell, assistant supervisor; Robert S. Maclay, technical assistant; W. A. Steiner, executive assistant; Roy Mitchell, superintendent of construction, Twisp; Edith Schowe, clerk.

*Ranger District: Conconully.*—F. F. Wehmeyer, Conconully.

*Squaw Creek.*—R. E. Grantham, Pateros.

*Adler Creek.*—J. G. Burghardt, Twisp; H. T. Phelps.

*Eight Mile.*—A. R. Tyler, Winthrop; W. F. Burge.

*Stehekin.*—Rby L. Weeman, Stehekin.

*Chelan.*—Geo. R. Wright, Chelan.

**Columbia.**—K. P. Cecil, supervisor, Portland, Oreg. (WU, P); H. M. White, assistant supervisor; G. A. Bright, technical assistant; R. A. Bottcher, superintendent of construction; Helena Smiley, clerk. Wind River Nursery: W. F. Will, planting assistant, Stabler.

*Ranger District: Mount Adams.*—H. A. Welty, Guler; E. T. Skaar.

*Wind River.*—J. H. Huffman, Stabler; C. W. Welty.

*Spirit Lake.*—M. J. Mapes, Cougar.

**Colville.**—Lawrence B. Pagter, Republic (WU, P); Lloyd L. Houghland, superintendent of construction; T. H. Burgess, technical assistant; Gerald E. Vincent, ranger; Julia Lee, clerk.

*Ranger District: Marcus.*—Jesse Duffield, Marcus.

*Danville.*—Russell Buckley, Curlew.

*Republic.*—F. B. Folsom, Republic.

*Orient.*—Robert E. Foote, Orient.

*Chesaw.*—Geo. H. Wiltz, Chesaw.

**Mount Baker.**—C. H. Park, Bellingham (WU, P); R. L. Campbell, assistant supervisor; Jessie C. Davis, clerk.

*Ranger District: Archie E. Estes, Glacier; Donald J. Stoner.*

*Baker River.*—Ralph F. Cook, Concrete.

*Finney Creek-Suiattle.*—John W. West, Rockport.

*Skagit River.*—Thomas Thompson, Marblemount.

**Olympic.**—H. L. Plumb, Olympia (WU, P); J. H. Billingslea, assistant supervisor; Clarence M. Adams, executive assistant.

*Ranger District: Port Angeles.*—Chris. Morgenroth, Port Angeles.

*Quilcene.*—W. D. Bryan, Quilcene.

*Hoodsport.*—R. A. Hilligoss, Hoodsport.

*Quinault.*—J. W. Fulton, Quinault; G. H. Eckerson.

*Timber Sale.*—John D. Ahl, Eldon; C. J. Howser, Carlsborg; G. H. Eckerson, Quinault; and L. D. Blodgett, Brinnon, rangers.

**Rainier.**—E. J. Fenby, Tacoma (WU, P); J. L. Campbell, assistant supervisor; Lester Moncrief, technical assistant; E. R. Johnson, superintendent of construction; Geo. A. Vreeland, clerk.

*Ranger District: Lower Cowlitz.*—John Kirkpatrick, Randle.

*Upper Cowlitz.*—William Sethe, Lewis.

*Mineral.*—Jules Hagon, Mineral.

*White River.*—Arnold Arneson, Enumclaw.

*Naches.*—Harry Croxford, Naches; Fred Hornquist.

*Tieton.*—Lawrence Russell, Naches.

*Timber Sale.*—R. J. O'Farrell, scaler, Buckley.

**Snoqualmie.**—W. G. Weigle, Seattle (WU, P); Lewis A. Treen, jr., assistant supervisor; F. B. Myers and J. H. Buell, technical assistant; M. W. Prash, executive assistant.

*Ranger District: Darrington.*—J. R. Bruckart, Darrington.

*Silverton.*—L. F. Chartrand, Silverton.

*Skykomish.*—Geo. E. Sawyer, Skykomish.

*Lester.*—B. C. Saterbo, Lester.

*Timber Sale.*—H. R. Spelman, junior forester, Darrington; A. W. Eastman, lumberman, Snohomish; A. J. Briem, Ira J. Mason, and W. A. Stackpole, rangers.

**Wenatchee.**—A. H. Sylvester, Wenatchee (WU) ; C. J. Conover, technical assistant ; F. C. Renner, technical assistant (grazing) ; E. L. Springer, executive assistant.

**Ranger District: Lake Wenatchee.**—R. E. Nickles, Winton.

**Chiwaukum.**———, Winton.

**Leavenworth.**—S. A. Blankenship, Leavenworth.

**Cashmere.**—Alfred McDonald, Cashmere.

**Liberty.**—W. E. Anderson, Cle Elum.

**Easton.**—Grover C. Burch, Easton.

**Entiat.**—John S. Brender, Entiat.

**Timber Sale.**—F. A. Varo, lumberman, Leavenworth.

## DISTRICT 7

### EASTERN DISTRICT

Alabama, Arkansas, Florida, Georgia, Illinois, Kentucky, Maine, Maryland, New Hampshire, New Jersey, New York, North Carolina, Oklahoma, Pennsylvania, Porto Rico, South Carolina, Tennessee, Virginia, West Virginia. Office, Atlantic Building, Washington, D. C.

**EVAN W. KELLEY**, district forester.

**LAW.**—Office of the Solicitor (Forest Service branch). A. H. McConville, senior attorney, J. L. Carr, attorney, Office of the Solicitor.

**Title attorneys:** W. L. Newman, Woodstock, Va. ; Alfred S. Grigg, Johnson City, Tenn. ; Julius C. Fletcher, Knoxville, Tenn. ; John Awtrey, Franklin, N. C. ; H. A. Lamphrey, Warren, Pa. ; Clem B. Wilson, Hot Springs National Park, Ark. ; John C. Laurent, Clayton, Ga.

**FINANCE AND ACCOUNTS.**—M. E. Fagan, district fiscal agent.

**OPERATION.**—H. O. Stabler, assistant district forester ; Louis King, administrative assistant.

**FOREST MANAGEMENT.**—R. M. Evans, assistant district forester, Arnold C. Shaw, assistant.

**GRAZING.**—C. G. Smith, assistant district forester.

**LANDS.**—C. G. Smith, assistant district forester ; P. J. Paxton, administrative assistant.

**ACQUISITION.**—W. W. Ashe, assistant district forester.

**ENGINEERING.**—J. C. Dort, district engineer ; R. E. Pidgeon and George W. Root, administrative assistants.

**PUBLIC RELATIONS.**—James E. Scott, assistant district forester.

**STATE COOPERATION IN FIRE CONTROL AND DISTRIBUTION OF FOREST PLANTING STOCK.**—E. Murray Bruner, district forest inspector, Lenoir, N. C.

### NATIONAL FORESTS

#### ALABAMA

**Benning Group** (comprising the Alabama and McClellan in Alabama, the Benning in Georgia, and the Jackson in South Carolina).—H. Norton Cope, Columbus, Ga. (WU) ; Marion C. Casey, clerk.

**Ranger District: Alabama.**—H. J. McDowell, Moulton.

**Benning.**—John B. Byrne, Columbus, Ga.

**Jackson.**—Silas M. Black, Columbia, S. C.



## ARKANSAS

**Arkansas.**—Charles A. Plymale, Hot Springs National Park (WU); A. J. Streinz, assistant supervisor; E. B. Hurst and Philip H. Bryan, technical assistants; Abner Casey, superintendent road construction; T. F. Hale and M. L. Bell, road foremen; F. C. Stone, clerk.

*Ranger District: Womble.*—Fred J. Jones, Norman.

*Jessieville-Umphers.*—George W. Casey, Jessieville (Exp. Hot Springs National Park).

*Cold Springs.*—David A. Younger, Waldron.

*Oden.*—Glen R. Durrell, Oden (Exp. Norman).

*Eagleton-Shady.*—C. D. Merrill, Mena.

**Ozark.**—H. R. Koen, Russellville (WU); Ben F. Vaughan, minor roads and trails; James S. Long, technical assistant; Dug T. Shaddox and Cleve Gray, road foremen; T. T. Hall, clerk.

*Ranger District: Sylamore.*—Hugh R. Moore, Mountain View (Exp. Sylamore).

*Bayou.*—K. M. Kunze, Solo (Exp. Russellville).

*Pleasant Hill.*—Guy Cox, Lurton (Exp. Russellville).

*White Rock.*—Ralph J. Bell, Cass (Exp. Ozark).

*Fire Prevention Project.*—James M. Wait, Dover.

## FLORIDA

**Florida.**—W. F. Hill, Pensacola (WU, P); Jas. L. Gunnell, road foreman; E. Ailsia Russell, clerk.

*Ranger District: Camp Pinchot.*—E. R. McKee, Valparaiso (Exp. Crestview).

*East Bay.*—Otis B. Fort, Holly.

*Mossyhead.*—J. E. Clark, Mossyhead.

*Ocala.*—C. H. Rogers, Lynne (Exp. Ocala).

## NEW HAMPSHIRE

**White Mountain.**—Ira T. Yarnall, Gorham (WU, P); H. R. Currier, assistant supervisor; C. L. Graham, ranger; Ralph W. Smith, technical assistant; Helen Brooks, clerk.

*Ranger District: Gorham.*—Truman E. Hale, Gorham.

*Twin Mountain.*—Wallace D. Black, Twin Mountain.

*Bartlett.*—Geo. E. Spinney, Bartlett.

*Woodstock.*—Arthur G. Brown, Woodstock.

## NEW JERSEY

**Dix Group** (comprising the Dix in New Jersey, Upton and Pine Plains in New York, and the Tobyhanna in Pennsylvania).—Everett B. Stone, jr., Browns Mills, N. J.

## NORTH CAROLINA

**Nantahala.**—R. W. Shields, Franklin (WU); John Wasilik, jr., assistant supervisor; J. Grady Siler, jr., superintendent of road construction; Stephen M. Ripley, road foreman; Mamie B. Horsley, clerk.

*Ranger District: Clayton.*—R. C. Nicholson, Clayton, Ga.

*Nantahala.*—Zeke B. Byrd, Franklin, N. C.

**Pisgah.**—M. A. Mattoon, Asheville (WU, P) ; J. W. McNair, assistant supervisor ; Ed. Hollingsworth, road foreman ; R. F. Lanier, clerk.

*Ranger District: Davidson River-Bent Creek.*—C. L. Fink, Pisgah Forest.

*Catawba.*—Chas. S. Dunn, Old Fort.

*Wilson Creek.*—Monroe Coffey, Edgemont.

*French Broad.*—Lorenzo Jared, Hot Springs.

## OKLAHOMA

**Wichita.**—S. M. Shanklin, Cache (WU).

*Ranger District: Wichita.*—Wm. E. Drummond, Cache.

## PENNSYLVANIA

**Allegheny.**—L. L. Bishop, Warren (WU, P) ; W. I. Stevens, technical assistant ; A. A. Riemer, examiner of surveys ; Mary Hamme, clerk.

*Ranger District: Allegheny.*—Raymond M. Conarro, Warren, Pa.

## PORTO RICO

**Luquillo.**—Wm. P. Kramer, Rio Piedras.

## TENNESSEE

**Cherokee.**—R. H. Charlton, Knoxville (WU, P) ; Norman P. White and F. C. Henneberger, technical assistant ; James Denman, examiner of surveys ; Isham E. Ball, road foreman ; Crawford Du Pree, clerk.

*Ranger District: Toccoa.*—W. A. Woody, Sarah, Ga. (Exp. Gainesville, Ga.).

*Hiwassee-Ocoee.*—W. P. Duncan, Postelle (Exp. Ducktown).

*Tellico River.*—Leland Fouts, Tellico Plains.

*Knox.*—Lewis R. Smith, technical assistant, Camp Knox, Ky.

**Unaka.**—Sam R. Broadbent, Bristol (WU) ; A. R. Kinney, examiner of surveys ; C. E. Beaumont, technical assistant ; Wilbur J. Velsor, clerk.

*Ranger District: Damascus.*—W. G. Thompson, Damascus, Va.

*Carter.*—G. W. Cole, Watauga Valley (Exp. Hunter).

*Erwin.*—E. M. Manchester, Erwin.

## VIRGINIA

**Lee Group** (comprising the Lee, Humphreys, and Eustis in Virginia and the Meade in Maryland).—L. S. Gross, Washington, D. C.

**Natural Bridge.**—H. M. Sears, Lynchburg (WU) ; H. L. Russell and D. W. Tabbutt, technical assistants ; Louise L. Davis, clerk.

*Ranger District: Pedlar.*—Thomas A. Wilson, Buena Vista.

*Glenwood.*—G. W. Watts, Natural Bridge Station.

**Shenandoah.**—S. H. Marsh, Harrisonburg (WU); Arthur A. Wood, assistant supervisor; E. R. Conrad and Harry True, examiners of surveys; Helen W. Gordon, clerk.  
Arthur A. Wood, assistant supervisor.

*Ranger District: Deerfield.*—Walter J. Quick, jr., Deerfield.

*North River.*—A. C. Dahl, Dayton.

*Brock's Gap.*—H. B. Eye, Broadway.

*Lost River.*—J. F. Keckley, Wardensville, W. Va.

*Massanutten.*—John W. Crisman, Edith.

#### WEST VIRGINIA

**Monongahela.**—C. L. Perkins, Elkins (WU); W. E. Hedges, examiner of surveys; Charles N. Stewart, clerk.

*Ranger District: North.*—Wm. P. Dale, Hendricks.

*South.*—Donald R. Gaudineer, Thornwood.

## DISTRICT 8

### ALASKA DISTRICT

Alaska. Office, Goldstein Building, Juneau, Alaska.

CHARLES H. FLORY, district forester.

LAW.—Office of the Solicitor (Forest Service branch). W. F. Staley, Portland, Oreg., district law officer.

FINANCE AND ACCOUNTS.—H. L. Redlingshafer, district fiscal agent.

OPERATION.—M. L. Merritt, assistant district forester.

MAINTENANCE.—Harry Sperling.

FOREST MANAGEMENT.—B. F. Heintzleman, assistant district forester.

TIMBER SURVEYS.—J. P. Williams.

LANDS.—M. L. Merritt, assistant district forester; Wellman Holbrook.

LAND CLASSIFICATION.—Wellman Holbrook.

ENGINEERING.————.

DRAFTING.—Florence Shafer.

ROADS.—M. L. Merritt.

WATER POWER.—B. F. Heintzleman.

### NATIONAL FORESTS

#### ALASKA

**Chugach.**—W. J. McDonald, Cordova (WU, P; SC-USA); H. J. Lutz, technical assistant; L. C. Pratt, executive assistant.

*Ranger District: Prince William Sound.*—Thomas E. Murray, Cordova.

*Katalla.*—E. M. Jacobsen, Cordova.

*Seward.*—John G. Brady, Anchorage.

*Trail Construction.*—Martin Killian, Cordova.



**Tongass.**—Robert A. Zeller, Ketchikan (WU, P ; SC-USA) ; J. M. Walley and R. F. Taylor, technical assistants ; Lyle W. Blodgett, port engineer (marine station) ; B. R. Aikens (launch *Tahn*) and E. F. Thompson (launch *Weepoose*), pilot and gas engineers ; W. C. Keyes, executive assistant ; Teresa V. Fackerell and Helen M. Minthorn, clerks.

**Ranger District: Ketchikan.**—J. M. Wyckoff, Ketchikan.

**Petersburg.**—Chester M. Archbold, Petersburg.

**Juneau.**—Harold E. Smith, Juneau.

**Sitka.**—George H. Peterson, Sitka.

**Craig.**—John A. Thayer, Craig.



